



ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

PERIODIC REVIEW REPORT

PERIOD: July 2022 – June 2023

SITE: Machias Gravel Pit Site, Machias, New York (#905013)

DATE: July 26, 2023

SUBJECT: Post-Remediation Groundwater Monitoring and General Site Activities

1.0 INTRODUCTION

1.1 Site Summary

The initial disposal site is identified as the Inactive Gravel Pit and is located on the west side of Very Road approximately 2 miles west of the Town of Machias, Cattaraugus County, New York. It is approximately 5.4 acres in size (see Figure 1 in Attachment 1). The gravel pit is owned by the Town of Machias. The Inactive Gravel Pit was reportedly used for the storage of approximately 600 drums of industrial waste material from the former Motorola plant in Arcade, New York between March and September 1978, prior to waste disposal regulations. The drums were suspected of containing epoxy resins, acids, flammable and non-flammable solvents and cutting oils. The oils received at the site were reportedly spread on local roads for dust control by town personnel. In 1986 and 1987, prior to Motorola involvement in the project, the NYSDEC oversaw a drum removal and soil remediation project conducted by the Town of Machias. An attempt to cleanup impacted soil was made by the Town of Machias by excavating a small portion of soil from directly beneath the drums and placing it on plastic. The soil was to be turned routinely to promote volatilization. It is unclear whether this soil was eventually removed from the area and disposed. Approximately 184 drums were removed from the Site for proper disposal. There were no documents available to determine how many of the initial approximate 600 drums contained oils that were used for dust control and if the contents of other drums had been spilled, were placed within the fill adjacent to the inactive pit area, or moved off-site for proper disposal.

As part of the remedial investigation (RI) performed by Motorola in 1991, a magnetic gradiometer survey was performed within the Inactive Gravel Pit area in an effort to confirm or refute the potential presence of buried drums that may act as a continuing

source of subsurface impacts. Based on the results of the survey, test pits were dug to evaluate the nature of any noted magnetic anomalies. The results of this portion of the RI indicated that there was no evidence of additional buried drums within the area.

The primary groundwater impacts were determined to be trichloroethene (TCE) and 1,1,1-trichloroethane (1,1,1,-TCA). The RI included fate and transport modeling of the impacted groundwater using a two-dimensional analytical model based on the Hunt equation (1983). The modeling predicted the movement of 1,1,1-TCA to be slightly quicker through the system than TCE movement. Downgradient groundwater concentrations of these compounds to the east of Very Road (Off-site Groundwater Impact Area) have been documented through the ongoing monitoring effort to be generally within or below the model predicted concentrations.

Subsequent risk assessment evaluations indicated that there was no significant non-carcinogenic health threat for adults or children associated with 1,1,1-TCA in groundwater. The total estimated future carcinogenic risks associated with the TCE in groundwater was estimated at 2.9×10^{-5} .

The NYSDEC concurred with the results of the RI and associated risk/habitat evaluations. In 1992, Motorola purchased the 88-acre parcel of property to the east of Very Road through a wholly owned subsidiary named Ischua Creek Holding Company. This allowed Motorola to control the land use, particularly under the portion of the property where the residually impacted groundwater plume was mapped (south of Ischua Creek; Off-site Groundwater Impact Area). Use of the cabin and the associated drinking water well was discontinued in 1992 concurrent with the purchase of the property.

In its Record of Decision (ROD) dated November 10, 1992, the NYSDEC-approved remedy for the Site was specified as source zone treatment within the Inactive Gravel Pit area using the Air Sparging (AS) and Soil Vapor Extraction (SVE) remedial technology in conjunction with Monitored Natural Attenuation (MNA) of the residually impacted groundwater plume. The AS/SVE system was in continuous operation from December, 1993 through December, 1998 followed by one year of pulsed mode operation in 1999. A total of approximately 208 pounds of volatile organic compound (VOC) mass was removed from the subsurface. Groundwater monitoring continued for one and a half years to verify that no significant rebound effect was occurring and that the source area treatment was complete. Verification soil samples were also collected from the vadose zone within the former source area to document that established cleanup criteria were met. The NYSDEC concurred that the source area treatment was effective and sufficiently completed. The remainder of any residual groundwater impacts were to be addressed through MNA. On February 15, 2001, a formal groundwater use restriction was placed as an institutional control (IC) on the Off-site Groundwater Impact Area. In addition, on March 18, 2002, the Town of Machias placed a similar restriction over the entire gravel pit property

(Inactive and Active). The AS/SVE system was approved for closure by NYSDEC and was formally decommissioned in the fourth quarter of 2001.

In 2008/2009, some rebound in TCE concentrations was noted in source zone well GW-5 located within the Inactive Gravel Pit (see Figure 2 in Attachment 1). As a result, the NYSDEC requested that some additional remedy work be performed to protect the surface water of the unnamed tributary to Ischua Creek which is the defined discharge point for residually impacted groundwater.

In 2009, all structures on the Ischua Creek Holding Company property were demolished to remove any potential soil vapor receptors. The area was regraded to match natural topographic contours and a pollinator meadow was established in consultation with the Wildlife Habitat Council (WHC). The only remaining structure on the Inactive Gravel Pit property is a pole barn type facility that previously housed the AS/SVE remediation system and is now being used by the Town as a maintenance garage. The building includes an industrial size vent fan. Additional deed restrictions were also placed on the Machias Gravel Pit and Ischua Creek Holding Company properties in 2010 requiring any future potential building construction to include appropriate sub-slab venting systems to preclude potential buildup of VOC impacted soil vapors and subsequent intrusion of the vapors into the structures.

In 2010/2011, Motorola Solutions (formerly Motorola) funded a University at Buffalo (UB) Ecosystem Restoration through Interdisciplinary Exchange (ERIE) research grant for the design and installation of a phytoremediation barrier immediately upgradient, relative to groundwater flow direction, of the unnamed tributary as a “green and sustainable” remedy providing long term protection of the unnamed tributary relative to residually impacted groundwater discharge. The phytobarrier was successfully installed in October 2011 and has undergone agronomy inspections and maintenance as needed. Motorola Solutions also worked closely with the WHC to establish a “Wildlife at Work” certification for the property. This WHC certification was received in November 2013. A total of 15 songbird boxes, two wood duck boxes and two bat boxes were placed around the site to facilitate additional nesting habitat for local native species. Motorola Solutions continues to support the habitat upgrades described, however it has not renewed WHC certification.

The Site is currently in monitoring mode (groundwater, surface water and sediment) under an approved Site Management Plan (SMP). The monitoring program includes monitoring of wells GW-3, GW-5, GW-5D, GW-6, GW-7, GW-9, GW-10, GW-16, GW-16D, GW-20, GW-21, GW-22, GW-22D and GW-23D. In addition, the former Cabin Well (RW-3) is sampled, along with the surface water (SW-1) and sediment (SD-1) within the tributary to Ischua Creek within the groundwater zone discharge boundary. These monitoring points are included on Figure 2 in Attachment 1. At this time, the phytobarrier is established and requires minimal maintenance.

1.2 Effectiveness of Remedial Program

1.2.1 Progress Made During Reporting Period

During the reporting period of July 2022 through June 2023, the following activities were performed/completed at the site:

- Collection of two complete rounds of groundwater samples.
- Evaluation of groundwater flow conditions.
- Ongoing operation/maintenance activities.

The results of these activities are discussed in Sections 3.0 and 6.0.

In addition to the above progress, KPRG, on behalf of Motorola Solutions, requested that the semi-annual sampling program be reduced to annual sampling in a letter dated October 4, 2022. The request outlined that the groundwater data that has been collected since 1993 has shown generally stable and/or improving conditions, all remedial activities have been completed with no ongoing sources of groundwater impacts, and that appropriate controls are in place and there are no receptors at risk. On October 19, 2022, the NYSDEC accepted the requested modification to the Site Management Plan. The December 2022 sampling represents the last event for the semi-annual schedule, and the June 2023 sampling represents the first of the annual schedule.

1.2.2 Ability for Achieving Remedial Objectives

Based on the monitoring data presented in Section 3.0, the remedial actions that have been performed and the ongoing monitored natural attenuation data indicate that the remedial goals for the Site are being achieved. Groundwater impacts are generally stable to improving. The phytobarrier is mature with minimal loss of planted trees, with variable root access to impacted groundwater (see discussion in Section 3.1).

1.3 Compliance

1.3.1 Areas of Non-Compliance

During the reporting period, there were no areas of non-compliance.

1.3.2 Corrective Measures

Not applicable since there were no areas of non-compliance during the reporting period.

1.4 Recommendations

There are no recommended changes to the environmental monitoring program.

2.0 SITE OVERVIEW

2.1 Site Description and Extent of Impacts Prior to Remediation

Generally, the RI determined there are limited to no remaining soil impacts within the Inactive Gravel Pit source area. A geophysical survey and associated test pits did not identify any remaining source concerns such as drums of chemicals. The primary transport media is groundwater. Impacts are limited to residual TCE and 1,1,1-TCA. The impacted groundwater zone extends from the defined source area within the Inactive Gravel Pit approximately 1,100 feet in an easterly direction (Off-site Groundwater Impact Area) where low concentrations in the impacted groundwater discharge to an unnamed tributary to Ischua Creek. The primary receptor within this area was a cabin well that was no longer in use. The cabin has since been demolished but the well remains in place as part of the ongoing monitoring program.

The Habitat Evaluation and Ecological Risk Assessment concluded that aquatic toxicity is not expected. Estimated surface water concentrations at the impacted groundwater discharge boundary of TCE and 1,1,1,-TCA are below levels of concern. This has been further documented with subsequent and ongoing environmental monitoring which includes both surface water and sediment samples from within the discharge area.

The human exposure toxicity/risk characterization performed as part of the site investigation determined that since there are few receptors in close proximity to the Site, the potential for exposure is low and unlikely. Therefore, the potential for significant risk is very low. The primary impacts are associated with potential exposure/consumption of impacted groundwater which are managed by institutional controls at the site.

Below is a summary of Site conditions when the RI was performed in 1991-1992.

2.1.1 Soil

A total of 11 soil samples were collected from within the Inactive Gravel Pit suspected source area. All samples were analyzed for VOCs, polyaromatic hydrocarbons (PAHs) and the eight RCRA metals. Summary data tables and a sample location map are provided in the approved SMP. The following summarizes the results:

- There were no VOCs detected in 10 of the 11 samples. TCE was detected at 291 ug/kg and 1,1,1-TCA at 27 ug/kg from a soil sample

collected during the drilling of monitoring well GW-5 located within the main suspected source area.

- PAHs were detected in 2 of the 11 samples. The detections were at generally low levels, below action guidelines.
- Chromium, lead and nickel were detected at various concentrations at most locations. The chromium detections ranged from not detected to 8.2 mg/kg. Nickel was detected at concentrations ranging from 9.6 mg/kg to 23 mg/kg. Lead was detected at concentrations ranging from 5.5 mg/kg to 608 mg/kg.

2.1.2 Site-Related Groundwater

The Site investigation included analysis of groundwater samples for VOCs, PAHs and metals. The data tables from the initial investigation work are provided in the approved SMP. It was determined that the primary groundwater impacts are associated with VOCs, specifically TCE and 1,1,1-TCA. Subsequent groundwater monitoring continued on a quarterly basis from 1993 through 1998, semi-annual from 1998 through 2002 and annual from 2003 through 2009 at which point semi-annual monitoring has been re-initiated due to some noted rebound of TCE concentrations at source area well GW-5. A Site map showing well locations/sampling points is provided as Figure 2 in Attachment 1.

2.1.3 Site-Related Soil Vapor Intrusion

At the time of the initial Site investigation work, soil vapor intrusion was not a pathway that was being evaluated. At this time, there are no structures on the property formerly owned by the Ischua Creek Holding Company, Inc., now owned by Motorola Solutions. There is only one structure on the Town of Machias property west of Very Road. This is a garage structure that was used to house the AS/SVE remedial system. After system decommissioning, the garage has been used for equipment maintenance by the Town of Machias. The building includes a large industrial size vent. No soil vapor intrusion studies are proposed at this time due to no receptors. Institutional controls have been put in place to require any potential future construction that may occur on the Site to include a soil vapor barrier or appropriate foundation venting system.

2.2 General Chronology of Remediation Program

The initial drum removal and soil remediation within the Inactive Gravel Pit source area was performed by the NYSDEC between 1986 and 1988. No records were provided to Motorola from the NYSDEC regarding the soil treatment and/or removal of soil for off-site disposal. The following verbal information was provided relative to drum removal action:

<u>Date</u>	<u>No. of Drums</u>	<u>Destination</u>
10/31/1986	160 (crushed)	CID Landfill, Chaffee, NY
4/15/1987	10	Waste Management, Model City, NY
1987 (no date)	10	Lewiston, NY
5/23/1988	4	Rollins Environmental, NJ

Aside from the VOC mass removal associated with the operation of the air sparging/soil vapor extraction (AS/SVE) system discussed below, no other direct removal work was performed at this Site.

Subsequent to the NYSDEC removal work discussed above, Motorola completed the above summarized Site investigations and implemented a groundwater remedial action focusing on the former source area (Inactive Gravel Pit) consisting of AS/SVE in conjunction with MNA for the remainder of the Off-site Impacted Groundwater Area. The selection of the remedy was approved by the NYSDEC in the ROD dated November, 1992.

The AS/SVE system was in continuous operation from December 1993 through December 1998 followed by one year of pulsed mode operation in 1999. A total of approximately 208 pounds of VOC mass was removed from the subsurface. During system operation and through system decommissioning, groundwater monitoring continued on a quarterly and then semi-annual basis to verify that no significant rebound effect was occurring and that the source area treatment was complete. Verification soil samples were also collected from the vadose zone within the former source area to document that established cleanup criteria were met. The NYSDEC concurred that the source area treatment was effective and complete. The remainder of any residual groundwater impacts was to be addressed through MNA. On February 15, 2001, a formal groundwater use restriction was placed as an IC on the Off-site Groundwater Impact Area. In addition, on March 18, 2002, the Town of Machias placed a similar restriction over the entire gravel pit property (Inactive and Active). The AS/SVE system was approved for closure by NYSDEC and was formally decommissioned in the fourth quarter of 2001.

As previously discussed, Motorola Solutions, in conjunction with the UB ERIE program, designed and installed a phytoremediation barrier immediately upgradient, relative to groundwater flow direction, of the unnamed tributary as a “green and sustainable” remedy providing long term protection of the unnamed tributary relative to residually impacted groundwater discharge. The phytobarrier was successfully installed in October 2011 and has undergone routine agronomy inspections and maintenance since that time. During that period, Motorola Solutions also worked closely with the WHC to establish a “Wildlife at Work” certification for the property. A total of 15 songbird boxes, two wood duck boxes and two bat boxes were placed around the site to facilitate additional nesting habitat for local native species. Motorola Solutions continues to support the habitat upgrades described, however it has not renewed WHC certification.

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS and PROTECTIVENESS

3.1 Semi-Annual Groundwater, Surface Water and Sediment Monitoring Results for Reporting Period

During the reporting period, groundwater, surface water and sediment sampling was performed in December 2022 (end of the semi-annual schedule) and again in June 2023 (beginning of the annual schedule). The sampling included all wells in the approved SMP. Sample locations are provided on Figure 2 in Attachment 1. The analytical data are summarized in Table 1 in Attachment 2. A summary of baseline data collected in November 1993 along with all subsequent monitoring data from during and after the active remediation are also provided in Table 1 for comparison purposes. The analytical laboratory packages are provided in Attachment 3 and plots of time versus concentration for the routinely sampled wells are provided in Attachment 4.

A review of the data in Table 1 and the plots of concentration versus time indicate that the trends in TCE and 1,1,1-TCA have generally decreased over time. Any exceptions are discussed in the overall trend descriptions below.

Wells GW-3 and GW-9 within the treatment area/source zone continue to provide stable to decreasing concentrations of TCE and 1,1,1-TCA in the period since the air sparge/soil vapor extraction (AS/SVE) system shutdown in December 1999 indicating no substantial rebound effect. It is noted that two late Fall sampling events (November 2016 and November 2017) at location GW-3 indicated a spike in TCE concentration at 390 ug/l and 350 ug/l, respectively, followed by a smaller spike for the Fall 2020 event 79 ug/l. However, the subsequent sampling events have recorded trends more in line with historical data.

Sampling at well GW-5, which is also within the source area, indicated an uncharacteristic upward spike in TCE concentration in May 2007 and again in September 2010, however, subsequent samplings have shown the concentrations have been decreasing steadily. TCE has been detected in only trace concentrations in well GW-5D which is a deeper well adjacent to well GW-5. Since the initial installation of that well, the overall TCE concentrations have decreased to below 1 ug/l since 2016. It was proposed in the Progress Report for July 2007–June 2008 that the spike in TCE suggested that some residual TCE desorption from the unsaturated portion of the aquifer matrix may be occurring. All data since that time and presented herein continue to be consistent with this interpretation.

Water table well GW-22 located at the downgradient periphery of the treatment zone indicated a slight apparent rebound effect that was observed starting with the June 2011 sampling event. The concentrations have since stabilized to pre-rebound levels

and there has been an overall decreasing trend since May 2013 with a substantial decrease in concentrations since the previous reporting period. The adjacent deep monitoring well GW-22D generally shows a decreasing trend since a rebound in concentrations at this location in May 2003. However the last five rounds of sampling do have a slightly higher detection of TCE potentially reflective of residual impacts still moving through the system and have since again begun to decrease.

Downgradient monitoring wells GW-6, GW-7, GW-16, GW-20, and GW-21 all generally indicate stable or decreasing concentrations of TCE and 1,1,1-TCA since the initial sampling data.

It is noted that the last sampling events from 2016 to 2020 at well GW-10 show slightly increased TCE concentrations, although still substantially lower than during initial samplings. This well is downgradient of source area well GW-5, and the noted slight increase over those 4 years may be associated with the mass of desorbed source area TCE that was detected in GW-5 in the 2007 timeframe moving through the aquifer system and still undergoing natural advection/dispersion. However, there has again been a decreasing trend since 2020 that would suggest the main impacts have moved through the area.

The most recent rounds of TCE results in well GW-16D were 74 ug/l and 79 ug/l. This well is downgradient from monitoring well GW-23D which is showing decreasing concentrations of TCE, however, the concentrations at that location are still above 300 ug/l based on the most recent sampling. The noted trend at GW-16D may, therefore, be associated with a mass of higher TCE concentration groundwater moving through the system and still undergoing natural advection/dispersion.

The May 2023 sampling of well RW-3 shows a spike in TCE and 1,1,1-TCA concentrations. A previous concentration spike at this well location in December 2018 was followed by four years of no detections which is generally consistent with historical data for this well. The nature of the noted spike in concentration in the May 2023 sampling is believed to not be representative of existing groundwater conditions and may be a lab or sampling artifact. Subsequent sampling at this location will determine the nature of this spike.

There were no detections of 1,1,1-TCA or TCE at sediment sample SD-1 since 2015. There were also no detections of either compound since 2018 for the surface water sample SW-1.

As discussed above, the UB completed the design and associated subsequent research monitoring of the phytobarrier. The purpose of the phytobarrier was to provide a “green and sustainable” remedy for additional long term protection of the unnamed tributary relative to residually impacted groundwater discharge. This work was as a result of concerns raised by NYSDEC associated with some rebound in TCE concentrations within the former source area of the inactive Machias gravel pit that

was noted in groundwater monitoring during 2008/2009. The agreed upon research work for the phytobarrier has been completed by UB with the following general conclusions made relative to the phytobarrier effectiveness:

- Depth to groundwater varies significantly across the area of the barrier from as shallow as 4 feet to deeper than 15 feet below ground surface (bgs). Evaluations of root depth penetrations by direct measurements (i.e., actual tree removal from the ground for physical measurements of root growth) indicated that for trees planted within areas of shallower groundwater at the northwestern and southeastern corners of the barrier, the roots penetrated into the water table as planned. However, even after four to five years of growth, some root penetrations within the central portions of the phytobarrier were not deep enough to intersect the water table; the trees apparently getting a sufficient amount of water for growth through the interception of transient water migrating downward through the vadose zone. It is noted that deeper penetration of roots may have occurred since completion of that portion of the study, however, it is anticipated that the penetrations in all areas of the barrier may not extend completely down to the water table leaving portions of the residual groundwater impacts passing through the area unaffected by the barrier.
- The water level fluctuation study documented an increase in amplitude as the phytobarrier matured. The overall data indicates that the phytobarrier is drawing water from the aquifer, however it was not possible to quantify the rate of groundwater extraction attributable to the phytobarrier.
- The sap flow study confirmed that the trees are processing water at the expected rate from 5-year poplars (age of barrier at time of sap study work). The total estimated water capture at that time was approximately 37 percent of the overall estimated groundwater flux moving through the phytobarrier area. This estimate was expected to go up as the phytobarrier matures with simplified water extraction volume estimates exceeding the estimated flux, however, it is noted that the complexities of the site and the limitations of the study preclude being able to discern estimated water volume extraction from within the actual saturated zone and that from the vadose zone.
- Verifying the precise extent of hydraulic capture by the poplar phytobarrier would require a substantial additional research program extending over multiple growing seasons, utilizing specialized equipment (e.g., updated sap flow system, network of soil moisture sensors) and supported by frequent site visits. Given the low apparent risk level associated with the current site groundwater, it may be more cost-effective to focus available resources on continued, routine monitoring and maintenance activities as have been performed in the past.

The last statement/conclusion provided by the UB continues to be supported by the time versus concentration curve documentation included with this Periodic Review Report. Provided in Attachment 4 are time versus concentration curves for TCE and 1,1,1-TCA in source zone wells (GW-5, GW-5D and GW-9), center plume wells (GW-10, GW-16 and GW-16D), downgradient perimeter wells (GW-20 and GW-21) and discharge surface water/sediment sample locations (SW-1 and SD-1). A review of these curves indicates that the rebound in TCE concentration which peaked within the source area (well GW-5) in September 2010 has sufficiently been attenuated with time and distance away from the former source area and never translated in substantially elevated concentrations in downgradient wells that would provide potential discharge concentrations to the unnamed tributary in excess of risk levels identified in the risk assessment work performed as part of site characterization work.

3.2 Evaluation of Groundwater Flow Conditions

A summary of the groundwater levels collected during the May 2023 and June 2022 sampling events are provided in the sampling field reports in Attachment 3. The water levels were used to generate updated groundwater maps which are provided as Figures 3 and 4 in Attachment 1. A review of the figures indicates that the flow conditions are consistent with historic patterns for the site with an overall easterly flow with discharge to the unnamed tributary to Ischua Creek. Based on this observation, the existing groundwater monitoring well network is deemed sufficient for ongoing monitoring.

There are three separate well clusters being monitored which allows for an evaluation of the vertical component of flow within the aquifer. The May 2023 water levels associated with these wells are:

Well No.	Top of PVC Elevation (Ft)	Depth to Water (Ft)	Water Level Elevation (Ft)
GW-5	1741.50	47.36	1694.14
GW-5D	1741.80	48.76	1693.04
GW-16	1691.54	10.22	1681.32
GW-16D	1691.54	8.86	1682.68
GW-22	1740.08	47.74	1692.34
GW-22D	1739.72	47.48	1692.24

Well clusters GW-5/5D and GW-22/22D are located within the highland recharge area and, based on the conceptual site model and hydrogeologic flow net provided to NYSDEC in December 2007, there should be some downward vertical or primarily horizontal component of flow at these locations. A review of the water level data in the above table indicates the head elevation at water table well GW-5 is higher than the adjacent deeper well GW-5D documenting a downward vertical component of flow. At well cluster GW-22/22D the head elevations are almost identical (0.10 foot difference) suggesting primarily horizontal flow within this portion of the aquifer

(previous data from this location has also indicated some downward vertical component of flow). These observations are consistent with the conceptual model.

Well cluster GW-16/16D is located in a more lowland area closer to the discharge boundary of the unnamed tributary to Ischua Creek. The conceptual model at this location suggests that the vertical component of flow should be slightly upward. A review of the water level data indicates that the water level within deeper well GW-16D is at a higher elevation than at the water table well GW-16. This indicates an upward component of vertical flow which is consistent with the conceptual model.

Figure 5 in Attachment 1 provides a geologic cross-section along with a vertical flow net illustrating the above discussed flow conditions which are consistent with the overall conceptual model.

4.0 IC/EC PLAN COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

The following Institutional Controls (IC) and Engineering Controls (ECs) are in place at this site:

- IC – A groundwater use restriction has been placed for this site as well as a restriction for any new construction to include a vapor barrier to prevent potential soil vapor intrusion issues.
- EC – There are no specific engineering controls established for this site.

Each is discussed separately below.

4.1.1 Groundwater Use Restriction

To preclude potential future use of groundwater beneath the site, a groundwater use restriction was placed on each of the property deeds associated with this site. The restrictions are on file at the Cattaraugus County Registrar of Deeds. No groundwater use wells have been installed at the site with the exception of the environmental monitoring wells.

4.1.2 Construction Restriction/Requirements

To preclude potential future soil vapor intrusion issues, a restriction was placed on each of the property deeds associated with this site requiring a soil vapor intrusion barrier to be included as part of construction. During this reporting period, no new structures have been constructed on any of the affected properties.

4.2 IC/EC Certification

The required annual IC/EC Certification has been completed and signed and is provided in Attachment 5 of this report.

5.0 MONITORING PLAN COMPLIANCE REPORT

The Site is currently in monitoring mode (groundwater, surface water and sediment) under the approved SMP. The monitoring program includes groundwater monitoring of wells GW-3, GW-5, GW-5D, GW-6, GW-7, GW-9, GW-10, GW-16, GW-16D, GW-20, GW-21, GW-22, GW-22D and GW-23D. In addition, the former Cabin Well (RW-3) is sampled, along with the surface water (SW-1) and sediment (SD-1) within the tributary to Ischua Creek within the groundwater zone discharge boundary. These monitoring points are included on Figure 2 in Attachment 1. The results of the most recent monitoring along with all historical monitoring data and associated conclusions/recommendations are provided in Section 3.0. The facility is in compliance with monitoring requirements and there are no deficiencies.

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE

The following two O&M activities are currently being performed:

- Inspection and maintenance of monitoring wells.
- Inspection and maintenance of the phytobarrier.

The results of each inspection are discussed separately below.

6.1 Monitoring Well Inspection and Maintenance

As part of groundwater sampling activities, the integrity of each monitoring well was inspected. Discussions with the sampling contractor indicate the wells (concrete aprons and protectors) and locks were found to be in good condition for all monitoring wells with the exception of monitoring well GW-6 which was noted in the June 2020 sampling that it had a broken hinge and some frost heave damage of the concrete anchor. This condition does not impact the integrity of the water quality sampling of this well. The well box for GW-3 was noted to have heaved however, the well is not compromised. The stick up for well GW-6 and the flush mount vault for GW-3 were replaced on August 8, 2022. During the repair work for GW-3, it was noted that this well was a stick up at one time and was converted to a flush mount. The work required a slight amount of casing to be removed which resulted in the well requiring a resurvey.

6.2 Phytobarrier Inspection and Maintenance

The barrier was installed in November 2011 and a final inspection of the barrier trees was completed by Dr. Louis Licht of Ecolotree (phytobarrier installation contractor) in September 2017. The trees were found in good health with an excellent tree survival rate with no additional inspections required at this time. Since the UB has completed field research activities, no mowing of the native grasses planted around the barrier has been performed this year. Any additional maintenance will be provided as necessary. Discussions with the groundwater sampling personnel in November 2022 indicate the trees appeared in good condition. An inspection was completed by KPRG in the Fall of 2022 along with representatives from Motorola Solutions as well as with the NYDEC. Consistent with the previous inspections, the trees appeared in good and healthy condition with no indication of insect infestations or obvious fungal growths. Photos of the phytobarrier are included in Attachment 6.

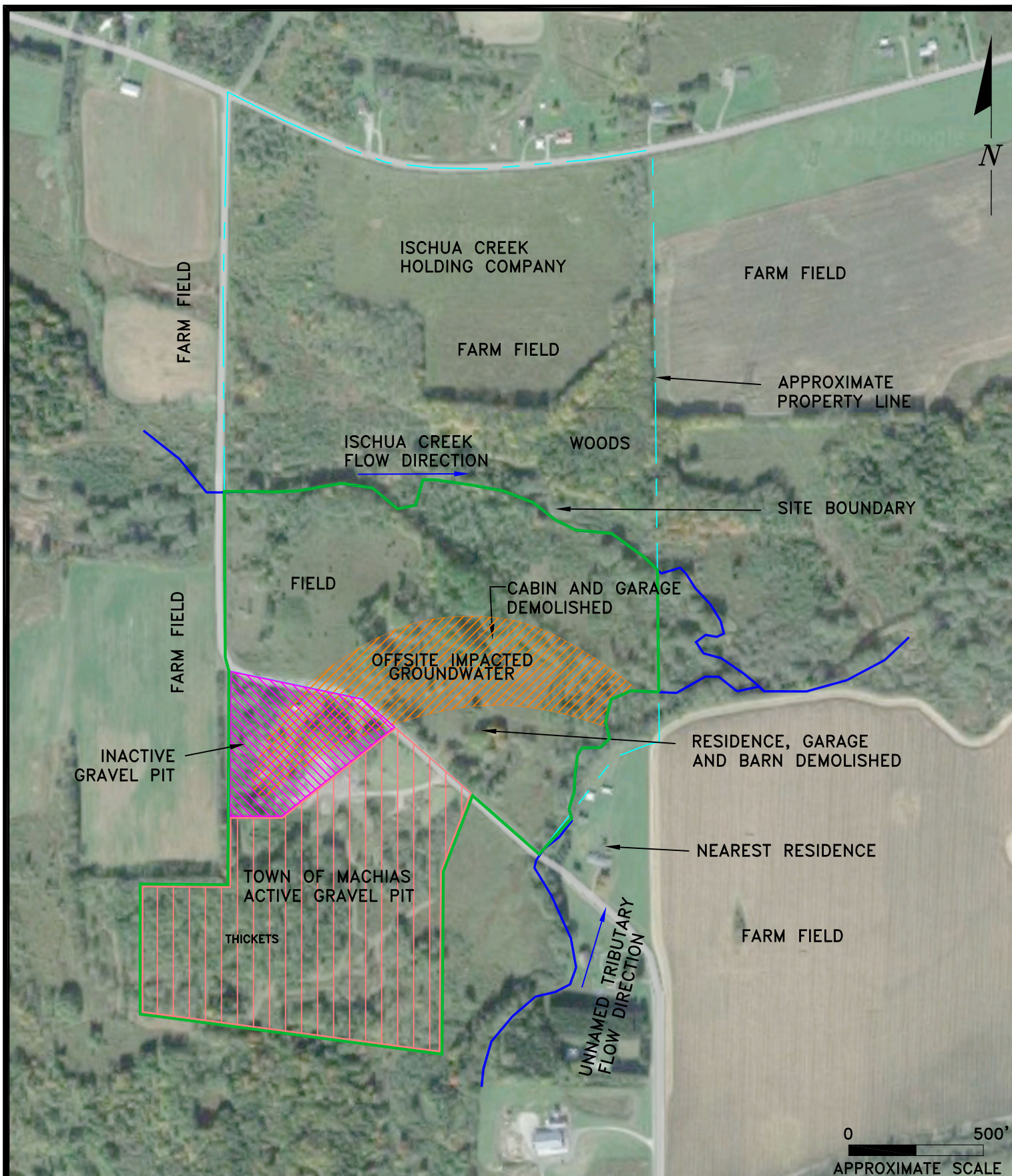
7.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

Based on the data and information presented in this Periodic Review Report, the following conclusions and recommendations are forwarded:

- All aspects of the current monitoring program and associated site ICs are in compliance. It is noted here again that the groundwater sampling schedule has changed from semi-annual to annual. This was requested for by KPRG on behalf of Motorola Solutions and accepted by the NYDEC. There are no further changes anticipated at this time.
- There are no recommended changes at this time to the monitoring program or ICs.
- The monitoring data presented in this report document that the remedial strategy implemented for this site has met performance standards and continues to be effective as documented by the generally stable to improving MNA groundwater conditions with few exceptions as discussed in the report.
- Progress reports are presently being submitted on an annual basis. No change in submittal frequency is proposed at this time.

ATTACHMENT 1

Figures



ENVIRONMENTAL CONSULTATION & REMEDIATION

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SITE AREA MAP

MOTOROLA SOLUTIONS
MACHIAS GRAVEL PIT

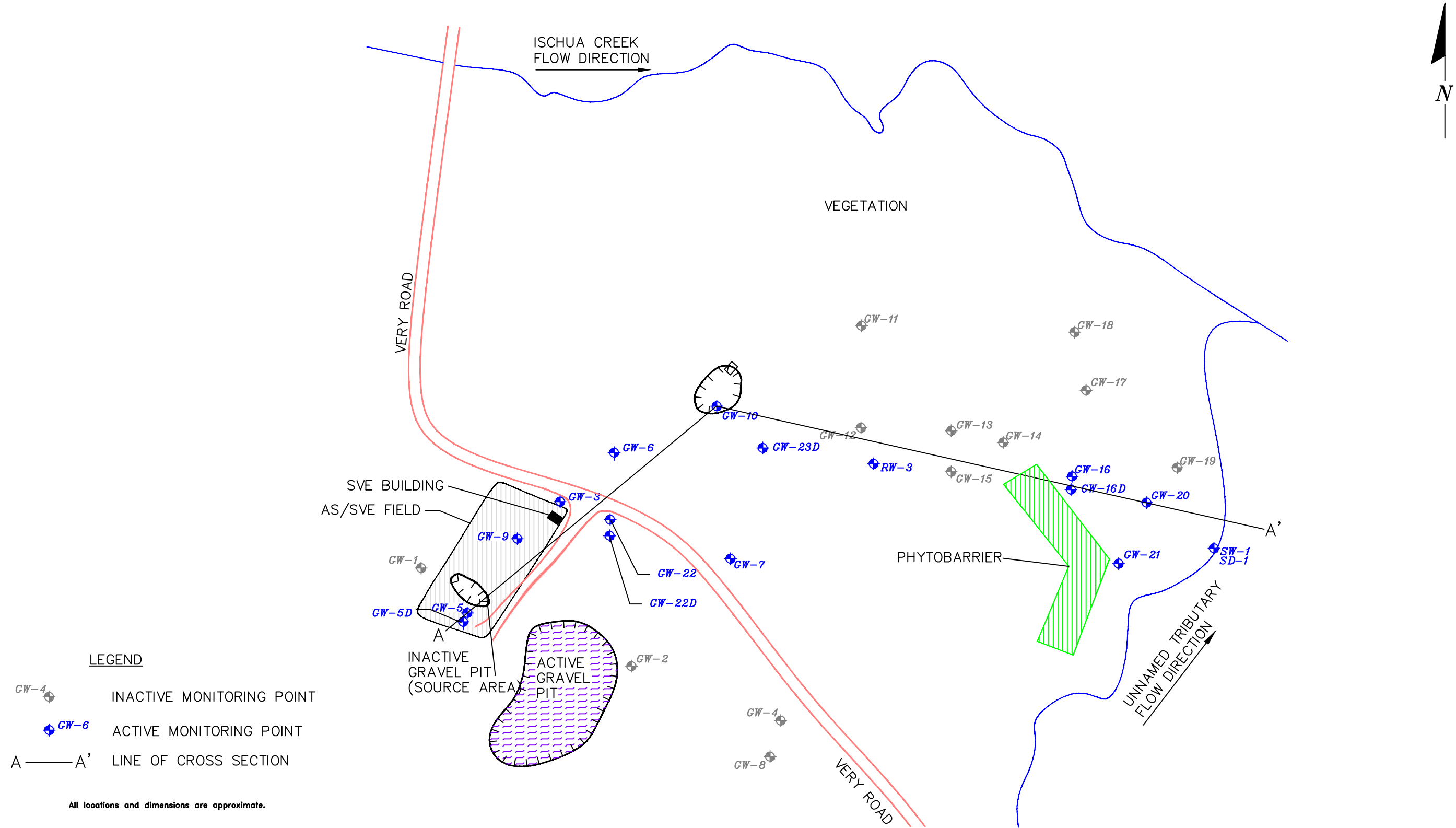
Scale: 1" = 500'

Date: July 21, 2022

KPRG Project No. 21903.16

FIGURE 1

\\projects\motorola\machias\2015\machias_sample_locations.dwg



0 200'
APPROXIMATE SCALE

LEGEND
GW-4 INACTIVE MONITORING POINT
GW-6 ACTIVE MONITORING POINT
A — A' LINE OF CROSS SECTION

All locations and dimensions are approximate.

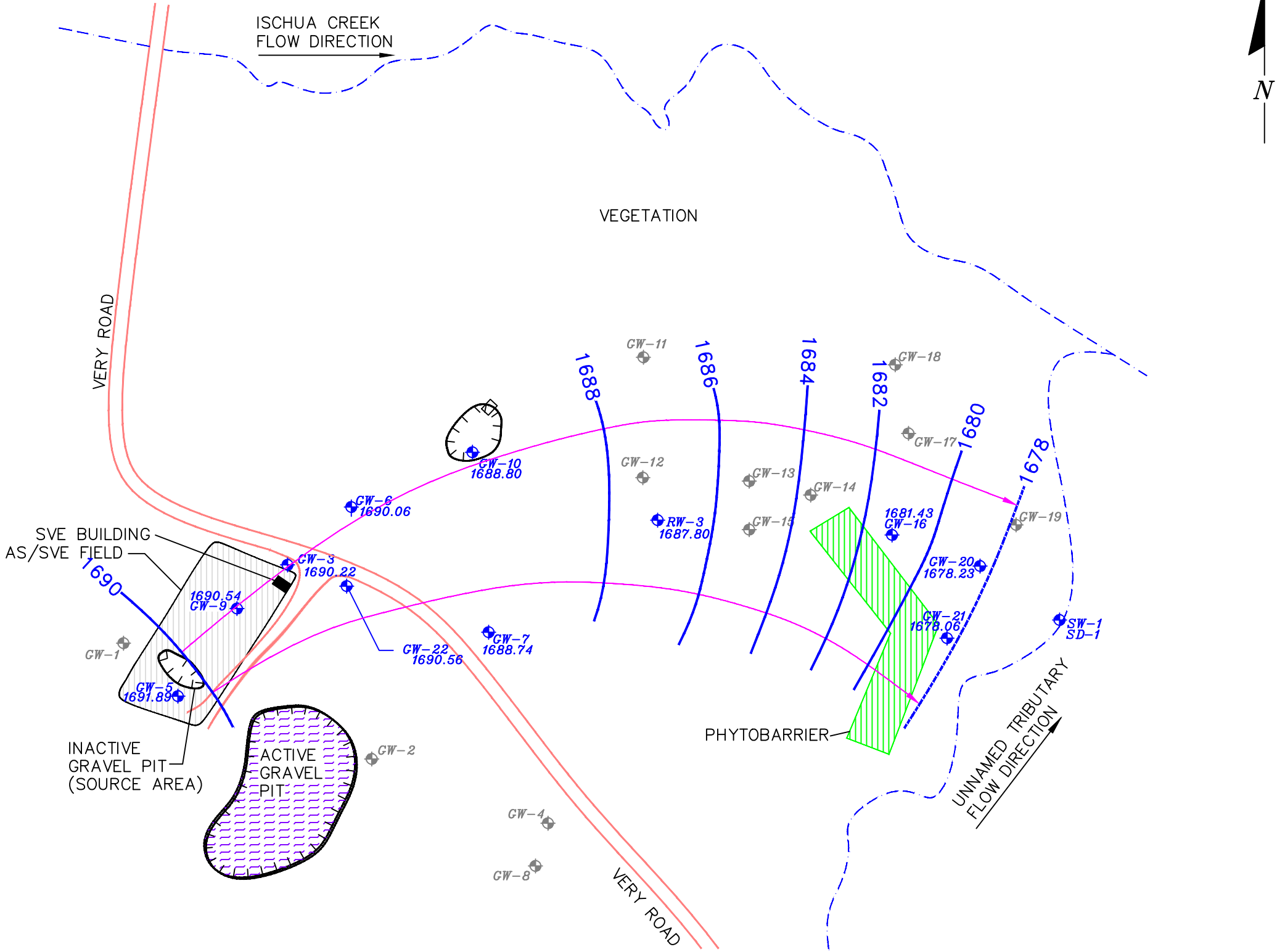
ENVIRONMENTAL CONSULTATION & REMEDIATION		MONITORING PROGRAM SAMPLE LOCATIONS	
K P R G		Motorola Solutions, Inc. Machias Gravel Pit	
KPRG and Associates, inc.		Scale: 1" = 200' Date: July 9, 2020	
14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478		KPRG Project No. 21903.16	
414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593		FIGURE 2	

GROUNDWATER ELEVATIONS (ft msl)	
WELL	ELEVATION
GW-3	1690.22
GW-5	1691.89
GW-6	1690.06
GW-7	1688.74
GW-9	1690.54
GW-10	1688.80
GW-16	1681.43
GW-20	1678.23
GW-21	1678.06
GW-22	1690.56
RW-3	1687.80

LEGEND

-  INACTIVE MONITORING POINT
-  ACTIVE MONITORING POINT
-  GROUNDWATER CONTOUR
-  FLOW LINE

All locations and dimensions are approximate.



ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, Inc.

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

WATER TABLE CONTOUR MAP-December 2022

Motorola Solutions, Inc.
Machias Gravel Pit

Scale: 1" = 200' Date: June 20, 2023

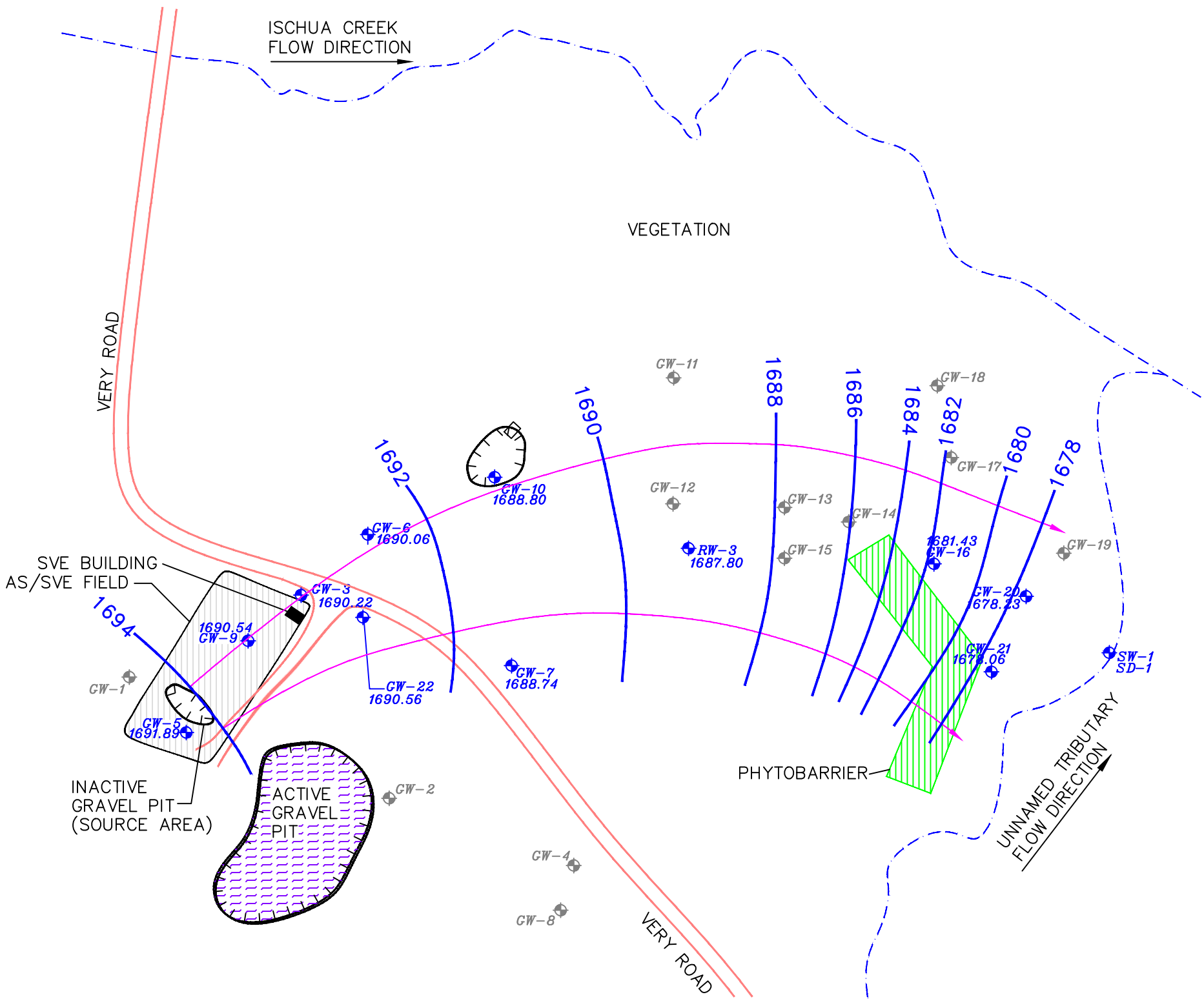
KPRG Project No. 21903.16 FIGURE 3

GROUNDWATER ELEVATIONS (ft msl)	
WELL	ELEVATION
GW-3	1690.22
GW-5	1691.89
GW-6	1690.06
GW-7	1688.74
GW-9	1690.54
GW-10	1688.80
GW-16	1681.43
GW-20	1678.23
GW-21	1678.06
GW-22	1690.56
RW-3	1687.80

LEGEND

-  GW-4
- INACTIVE MONITORING POINT
-  GW-6
- ACTIVE MONITORING POINT
- 
- GROUNDWATER CONTOUR
- 
- FLOW LINE

All locations and dimensions are approximate.



0 200'
APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, Inc.

14665 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

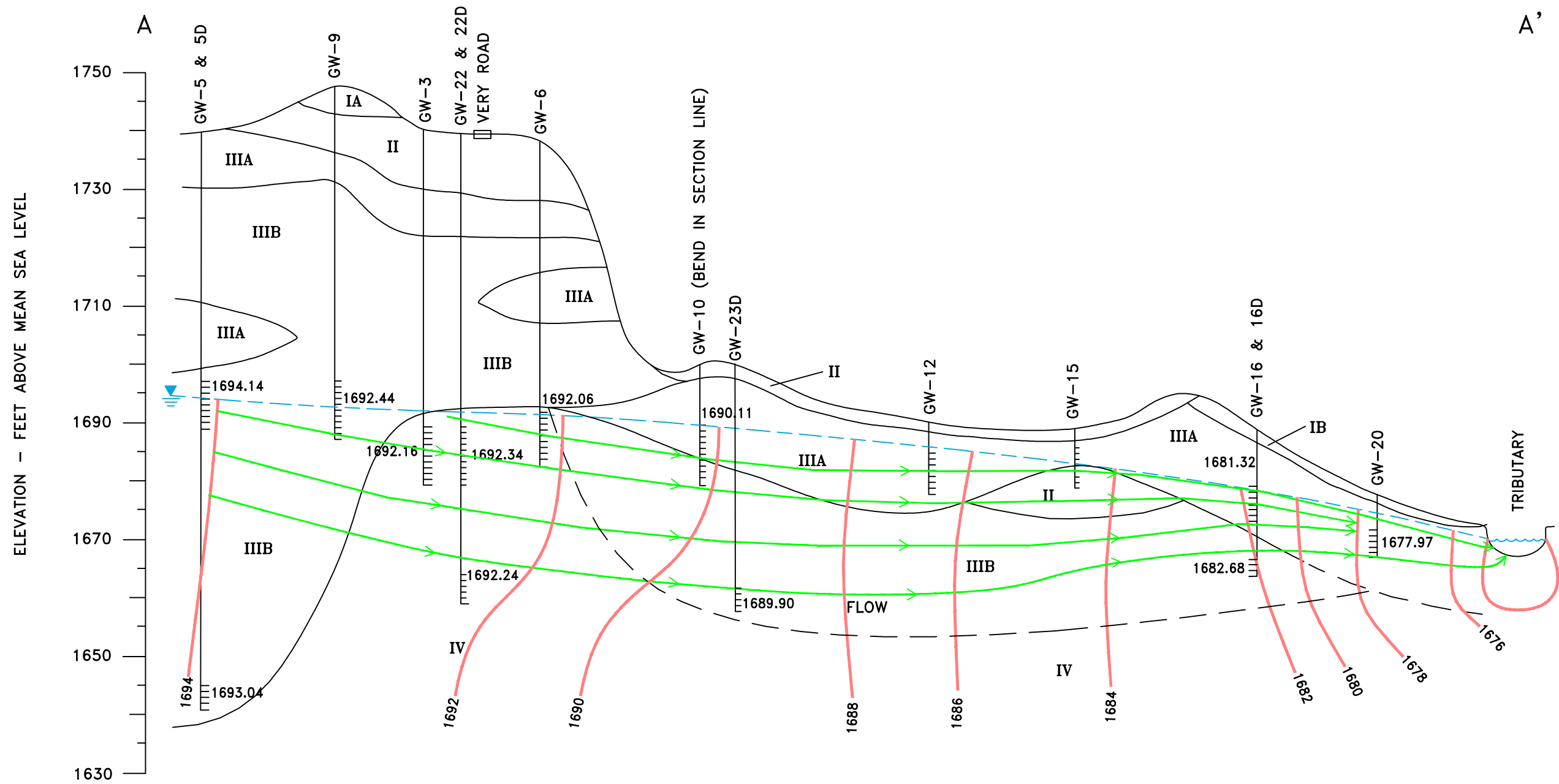
414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

WATER TABLE CONTOUR MAP-May 2023

Motorola Solutions, Inc.
Machias Gravel Pit

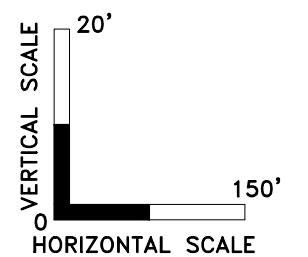
Scale: 1" = 200' Date: June 20, 2023

KPRG Project No. 21903.16 FIGURE 4



LEGEND

- IA SAND, TAN, GENERALLY FINE, SOME SILT, TRACES OF CLAY IN SOME HORIZONS
- IB PEAT, DARK BROWN, ORGANIC RICH, SOFT, SOME FINE SAND, GRADES TO SILT AND CLAY AT HIGHER ELEVATION
- II SILT, TAN TO BROWN, SOME CLAY, TRACE PEBBLES
- IIIA SAND AND GRAVEL, POORLY SORTED, FINE TO COARSE SAND, PEBBLES AND COBBLE SIZE GRAVEL
- IIIB SAND, INTERBEDDED WITH IIIA, FINE TO MEDIUM SAND, SOME SILT, WELL SORTED
- IV SILT, BROWN TO GRAY, SOME SILTY CLAY



ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G

KPRG and Associates, Inc.

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

14685 West Lisbon Road, Suite 1A Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

GEOLOGIC CROSS SECTION
WITH FLOW NET MAY 2023

MOTOROLA INC.
MACHIAS GRAVEL PIT

Scale: SEE BARSCALE Date: July 18, 2023

KPRG Project No. 21903.16 FIGURE 5

ATTACHMENT 2

Table

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
GW-3	Nov-93	--	--	--	--	3 J	310	200	--	--	--	--	--	--
	Jan-94	--	--	--	1 J	5	270	33	--	--	--	--	--	--
	Feb-94	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--
	Mar-94	--	--	--	2 J	2 J	180	57	--	--	--	(2 J)	--	--
	Apr-94	--	--	--	2 J	3 J	200	58	--	--	--	--	--	--
	Jul-94	--	--	--	.9 J	--	170	100	--	--	--	--	--	--
	Oct-94	--	--	--	2 J	--	52	160	--	--	--	--	--	--
	Jan-95	--	--	--	--	1 J	190	95	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	150	17	--	--	--	--	--	--
	Jul-95	--	--	--	11	--	85	560	--	--	--	--	--	--
	Oct-95	--	--	--	0.9 J	2 J	120	170	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	160	220	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	110	94	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	180	84	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	19	8	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	130	39	--	--	--	--	2 JB	--
	Apr-97	--	--	--	--	--	110	24	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	87	40	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	83	59	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	15	3 J	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	70	52	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	38	16	--	--	--	--	--	--
	Jan-99	--	--	--	--	1 J	83	68	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	38	26	--	--	--	--	--	--
	Jan-00	--	--	--	2 J	--	100	240 E	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	51	53	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	72	71	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	70	80	--	--	--	--	--	--
	Jan-02	--	--	--	4 J	--	120	180	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	58	96	--	--	--	--	--	--
	May-03	--	--	--	--	--	56	100	--	--	--	--	--	--
	May-04	--	--	--	--	--	42	100	--	--	--	--	--	--
	May-05	--	--	--	--	--	33	91	--	--	--	--	--	--
	May-06	--	--	--	--	--	17	68	--	--	--	--	--	--
	May-07	--	--	--	--	--	19	72	--	--	--	--	--	--
	May-08	--	--	--	4 J	--	10	74	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	15	60	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	13	63	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	11	55	--	--	--	--	--	--
	Jun-11	--	--	--	--	0.65 J	10	51	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	8.3	51	--	--	--	--	--	--
	May-12	--	--	--	--	--	7.2	39	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	8.6	90	--	--	--	--	--	--
	May-13	--	--	--	--	--	5.7	42	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	5.4	31	--	--	--	--	--	--
	May-14	--	--	--	--	0.62 J	6.8	23	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	11	48	--	--	--	--	--	--
	May-15	--	--	--	--	--	5.4	39	--	--	--	--	--	--
Nov-15	--	--	--	--	--	6.8	38	--	--	--	--	--	--	
May-16	--	--	--	--	--	5.5	21	--	--	--	--	--	--	
Nov-16	--	--	--	--	--	12 J	390	--	--	--	--	--	--	
May-17	3 J	--	--	--	--	4.3 J	21	--	--	--	--	--	--	
Nov-17	--	--	--	--	--	12	350	--	--	--	--	--	--	
May-18	--	--	--	--	--	3.3 J	11	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	3.4 J	17	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	5.1	17	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	4.1	17	--	--	--	--	0.62 JB	--	
Jun-20	--	--	--	--	--	4.7 J	16	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	6.6	79	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	4.5 J	34	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	4.4 J	20	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	4.0 J	12	--	--	--	--	--	--	
Nov-22	--	--	--	--	--	6.4	110	--	--	--	--	--	--	
May-23	--	--	--	--	--	3.8 J	12	--	--	--	--	--	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)													
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform	
Well Number	Date Sampled	Nov-93	--	--	--	9	0.7 J	250	1500	0.7 J	--	3 J	--	--	--
GW-5	Jan-94	--	--	--	--	11	--	190	1300	0.4 J	--	--	--	--	--
	Feb-94	--	--	--	--	14	--	180	1500	0.5 J	--	14	--	--	--
	Mar-94	--	--	--	--	13 J	--	150	1200	--	--	--	(22 J)	--	--
	Apr-94	--	--	--	--	12 J	--	150	1200	--	--	--	--	--	--
	Jul-94	--	--	--	--	9 J	--	110	1200	--	--	--	--	--	--
	Oct-94	--	--	--	--	6 J	--	16	280	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	16	260	--	--	--	--	--	--
	Apr-95	--	--	--	--	5	--	21	310	--	--	--	--	--	--
	Jul-95	--	--	--	--	11	--	29	450	--	--	--	--	--	--
	Oct-95	--	--	--	--	9	--	27	400	--	--	2 J	--	--	--
	Jan-96	--	--	--	--	4 J	--	17	410	--	--	--	--	--	--
	Apr-96	--	--	--	--	4 J	--	24	430	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	--	22	400	--	--	--	--	--	--
	Oct-96	--	--	--	--	4 J	1 J	24	330 D	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	--	20	420	--	--	--	--	--	--
	Apr-97	--	--	--	--	--	--	11	210	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	--	15	280 D	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	--	18	310 D	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	15	280	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	--	6	150	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	12	190	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	--	11	230 E	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	6	140	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	--	11	200 E	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	6	180	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	5	150	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	--	6	130	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	--	7	160	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	--	4 J	84	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	3 J	50	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	4 J	35	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	5	37	--	--	--	--	--	--
	May-06	--	--	--	--	--	--	6	58	--	--	--	--	--	--
	May-07	--	--	--	--	--	--	15	480	--	--	--	--	8 DJ	--
	May-08	--	--	--	--	4 J	--	6 J	1300 E	--	--	--	--	--	--
	Nov-08	--	--	--	--	--	--	--	1800	--	--	--	--	--	--
	Feb-09	--	--	--	--	--	--	11	1500	--	--	--	--	--	--
	May-09	--	--	--	--	--	--	10	1200	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	--	1600	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	--	2200	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	0.52 J	7.6	1100	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	--	1200	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	--	1100	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	--	--	1300	--	--	--	--	12 J	--
	May-13	--	--	--	--	--	--	--	1200	--	--	--	--	18 J	--
	Dec-13	--	--	--	--	--	--	--	870	--	--	--	--	--	--
May-14	--	--	--	--	--	--	--	620	--	--	--	--	--	--	
Nov-14	--	--	--	--	--	--	--	970	--	--	--	--	--	--	
May-15	--	--	--	--	--	--	--	730	--	--	--	--	--	--	
Nov-15	--	--	--	--	--	--	--	830	--	--	--	--	--	--	
May-16	--	--	--	--	--	--	--	610	--	--	--	--	--	--	
Nov-16	--	--	--	--	--	--	--	700	--	--	--	--	--	--	
May-17	--	--	--	--	--	--	--	490	--	--	--	--	--	--	
Nov-17	--	--	--	--	--	--	--	590	--	--	--	--	--	--	
May-18	--	--	--	--	--	--	--	400	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	--	--	420	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	--	--	420	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	--	--	520 F1	--	--	--	--	14 JB	--	
Jun-20	--	--	--	--	--	--	--	410	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	--	--	430 F1	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	--	--	450	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	--	--	380	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	--	--	290 F1	--	--	--	--	--	--	
Nov-22	--	--	--	--	--	--	--	330	--	--	--	--	--	--	
May-23	--	--	--	--	--	--	--	210	--	--	--	--	--	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)									
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)
CW-5D	Nov-08	--	--	--	--	--	--	6.0	--	--	--
	Feb-09	--	--	--	--	--	--	3.5 J	--	--	--
	May-09	--	2.8 J	--	--	--	--	3.9 J	--	--	--
	Apr-10	--	--	--	--	--	--	1.7 J	--	--	--
	Sep-10	--	--	--	--	--	--	1.7 J	--	--	--
	Jun-11	--	--	--	--	--	--	1.1 J	--	--	--
	Dec-11	--	--	--	--	--	--	1.0 J	--	--	--
	May-12	--	--	--	--	--	--	1.1 J	--	--	--
	Nov-12	--	--	--	--	--	--	1.3 J	--	--	--
	May-13	--	--	--	--	--	--	1.5 J	--	--	--
	Dec-13	--	--	--	--	--	--	1.0 J	--	--	--
	May-14	--	--	--	--	--	--	2.7 J	--	--	--
	Nov-14	--	--	--	--	--	--	1.1 J	--	--	--
	May-15	--	--	--	--	--	--	1.2 J	--	--	--
	Nov-15	--	--	--	--	--	--	1.1 J	--	--	--
	May-16	--	--	--	--	--	--	0.54 J	--	--	--
	Nov-16	--	--	--	--	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	0.74 J	--	--	--
	Nov-17	--	--	--	--	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	0.81 J	--	--	--
	Dec-18	--	--	--	--	--	--	0.79 J	--	--	--
	Jun-19	--	--	--	--	--	--	0.64 J	--	--	--
	Nov-19	--	--	--	--	--	--	0.46 J	--	--	0.44 JB
	Jun-20	--	--	--	--	--	--	--	--	--	--
	Nov-20	--	--	--	--	--	--	0.78 J	--	--	--
	Apr-21	--	--	--	--	--	--	0.74 J	--	--	--
	Nov-21	--	--	--	--	--	--	0.49 J	--	--	--
	Jun-22	--	--	--	--	--	--	0.53 J	--	--	--
	Nov-22	--	--	--	--	--	--	0.47 J	--	--	--
	May-23	--	--	--	--	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)													
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform	
Well Number	Date Sampled	Nov-93	--	--	(0.5 J)	--	--	75	(3 J)	--	(0.6 J)	--	--	--	--
GW-6	Jan-94	--	--	--	--	--	--	62	0.9 J	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	--	76	1 J	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	--	88	4 J	--	--	--	(2 J)	--	--
	Apr-94	--	--	--	--	--	--	42	--	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	--	37	2 J	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	--	23	0.8 J	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	38	2 J	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	--	20	4 J	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	--	18	4 BJ	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	--	26	6	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	--	18	--	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	--	6	4 J	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	--	8	3 J	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	--	11	2 J	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	--	11	2 J	--	--	--	--	0.8 BJ	--
	Apr-97	--	--	--	--	--	--	2 J	2 J	--	--	--	--	0.8 BJ	--
	Jul-97	--	--	--	--	--	--	6	--	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	--	11	1 J	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	4 J	--	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	--	5	1 J	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	2 J	2 J	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	--	10	1 J	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	10	1 J	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	--	8	1 J	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	4 J	--	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	3 J	--	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	--	3 J	1 J	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	--	4 J	1 J	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	--	8	2 J	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	2 J	--	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-06	--	--	--	--	--	--	1 J	--	--	--	--	--	--	--
	May-07	--	--	--	--	--	--	2 J	0.6 J	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	0.5 J	0.6 J	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	--	2.1 J	0.55 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	2 J	0.78 J	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	3.3 J	1.2 J	--	--	--	--	--	--
	Jun-11	--	0.54 J	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	2.1 J	1.1 J	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	0.97 J	--	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	--	3.2 J	1.9 J	--	--	--	--	--	--
	May-13	--	--	--	--	--	--	1.0 J	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	2.1 J	1.2 J	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	3.0 J	1.4 J	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	0.87J	--	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	2.1 J	1.2 J	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	1.4 J	--	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	1.6 J	0.98 J	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	--	1.6 J	1.0 J	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	--	5.1	85	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	1.2 J	0.88 J	--	--	--	--	0.68 JB	--
	Jun-20	--	--	--	--	--	--	1.2 J	0.55 J	--	--	--	--	--	--
	Nov-20	--	--	--	--	--	--	1.7 J	1.2 J	--	--	--	--	--	--
	Apr-21	--	--	--	--	--	--	1.8 J	0.99 J	--	--	--	--	--	--
	Nov-21	--	--	--	--	--	--	1.6 J	0.87 J	--	--	--	--	--	--
	Jun-22	--	--	--	--	--	--	0.88 J	0.50 J	--	--	--	--	--	--
	Nov-22	--	--	--	--	--	--	1.7 J	1.2 J	--	--	--	--	--	--
	May-23	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
GW-7	Nov-93	--	--	--	--	--	13	39	--	--	--	--	--	--
	Jan-94	--	--	--	--	--	12	39	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	11	37	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	15	39	--	--	(2 J)	--	--	--
	Apr-94	--	--	--	--	--	7	23	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	10	37 B	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	8	35	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	7	31	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	4 J	20	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	5	26 B	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	6	24	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	1 J	10	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	2 J	13	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	4 J	18	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	3 J	19	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	3 J	15	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	2 J	8	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	2 J	12	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	2 J	12	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	3 J	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	1 J	8	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	2 J	10	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	--	9	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	5	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	--	6	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	5	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	4 J	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	1 J	7	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	2 J	6	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	1 J	6	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	4 J	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	4 J	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	4 J	--	--	--	--	--	--
	May-06	--	--	--	--	--	0.6 J	3 J	--	--	--	--	--	--
	May-07	--	--	--	--	--	0.6 J	3 J	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	2 J	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	0.47 J	2.2 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	2.0 J	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	1.8 J	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	--	1.5 J	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	1.3 J	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	1.1 J	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	--	1.5 J	--	--	--	--	--	--
	May-13	--	--	--	--	--	--	1.2 J	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	1.2 J	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	1.0 J	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	1.3 J	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	1.1 J	--	--	--	--	--	--
Nov-15	--	--	--	--	--	--	0.99 J	--	--	--	--	--	--	
May-16	--	--	--	--	--	--	0.94 J	--	--	--	--	--	--	
Nov-16	--	--	--	--	--	--	0.87 J	--	--	--	--	--	--	
May-17	3.0 J	--	--	--	--	--	0.74 J	--	--	--	--	--	--	
Nov-17	--	--	--	--	--	--	0.82 J	--	--	--	--	--	--	
May-18	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	1.0 J	0.46 J	--	--	--	--	--	--	
Jun-19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Nov-19	--	--	--	--	--	--	0.88 J	--	--	--	--	--	--	
Jun-20	--	--	--	--	--	--	0.67 J	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	--	0.80 J	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	--	0.77 J	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	--	0.72 J	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	--	0.76 J	--	--	--	--	--	--	
Nov-22	--	--	--	--	--	--	0.78 J	--	--	--	--	--	--	
May-23	--	--	--	--	--	--	0.54 J	--	--	--	--	--	--	

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
GW-9	Nov-93	--	--	(3 J)	--	3 J	390	250	--	--	(3 J)	--	--	--
	Jan-94	--	--	--	0.8 J	3 J	310	220	--	--	--	--	--	--
	Feb-94	--	--	--	--	2 J	280	230	--	--	3 J	--	--	--
	Feb-94	--	--	--	--	2 J	260	240	--	--	--	(2 J)	--	--
	Apr-94	--	--	--	--	2 J	290	260	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	310	360	--	--	--	--	--	--
	Oct-94	--	--	--	--	1 J	270	270	--	--	--	--	--	--
	Jan-95	--	--	--	--	2 J	310	340	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	250	290	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	220 B	240 BD	--	--	--	--	--	--
	Oct-95	--	--	--	--	2 J	250	310	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	220	320	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	200	290	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	250	280	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	210 D	270 D	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	230 D	280 D	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	200	240	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	140	200D	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	130	170D	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	170	190	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	120	200	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	110	180	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	100	180	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	69	140	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	91	180	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	67	150	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	62	140	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	42	100	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	55	130	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	30	85	--	--	--	--	--	--
	May-03	--	--	--	--	--	23	67	--	--	--	--	--	--
	May-04	--	--	--	--	--	15	51	--	--	--	--	--	--
	May-05	--	--	--	--	--	8	29	--	--	--	--	--	--
	May-06	--	--	--	--	--	8	28	--	--	--	--	--	--
	May-07	--	--	--	--	--	7	17	--	--	--	--	--	--
	May-08	--	--	--	--	--	2 J	4 J	18	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	7.4	12	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	6.6	14	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	6.4	13	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	7.5	15	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	5.9	11	--	--	--	--	--	--
	May-12	--	--	--	--	--	5.6	12	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	6.4	12	--	--	--	--	--	--
	May-13	--	--	--	--	--	5.7	14	--	--	--	--	--	--
Dec-13	--	--	--	--	--	4.8 J	11	--	--	--	--	--	--	
May-14	--	--	--	--	0.75 J	7.7	11	--	--	--	--	--	--	
Nov-14	--	--	--	--	0.48 J	7.8	11	--	--	--	--	--	--	
May-15	--	--	--	--	--	6.8	11	--	--	--	--	--	--	
Nov-15	--	--	--	--	--	5.3	10	--	--	--	--	--	--	
May-16	--	--	--	--	--	6.7	9.5	--	--	--	--	--	--	
Nov-16	--	--	--	--	--	5.6	8.8	--	--	--	--	--	--	
May-17	3.0 J	--	--	--	--	7.1	10	--	--	--	--	--	--	
Nov-17	3.1 J	--	--	--	--	5.9	9.6	--	--	--	--	--	--	
May-18	--	--	--	--	--	4.7 J	7	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	5.3	8.1	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	5.8	8.4	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	5.1	7.5	--	--	--	--	0.52 JB	--	
Jun-20	--	--	--	--	--	5.4	8.3	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	4.8 J	7.0	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	4.7 J	7.1	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	4.7 J	6.9	--	--	--	--	--	--	
Jun-22	3.7 J	--	--	--	--	4.0 J	6.1	--	--	--	--	--	--	
Nov-22	--	--	--	--	--	4.9 J	7.0	--	--	--	--	--	--	
May-23	--	--	--	--	--	5	7.1	--	--	--	--	--	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
GW-10 / GW-10R	Jan-95	--	--	--	--	1 J	160	71	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	130	69	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	120	72	--	--	--	--	--	--
	Oct-95	6 J	--	--	--	2 J	120	78	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	88	72	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	88	65	--	--	--	--	--	--
	Jul-96	14	--	--	--	--	150	87	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	79	68	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	84	64	--	--	--	--	--	--
	Apr-97	--	--	--	--	--	70	46	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	87	60	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	90	61	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	69	43	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	75	57	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	78	49	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	58	60	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	49	44	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	41	56	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	27	46	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	21	40	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	20	42	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	23	39	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	28	35	--	--	--	--	--	--
	May-03	--	--	--	--	--	22	25	--	--	--	--	--	--
	May-04	--	--	--	--	--	22	21	--	--	--	--	--	--
	May-05	--	--	--	--	--	24	23	--	--	--	--	--	--
	May-06	--	--	--	--	--	19	26	--	--	--	--	--	--
	May-07	--	--	--	--	--	18	25	--	--	--	--	--	--
	May-08	--	--	--	--	3 J	9	19	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	11	22	--	--	--	--	--	--
	Apr-10	--	--	--	--	0.64 J	7.7	16	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	10	18	--	--	--	--	--	--
	Jun-11	--	--	--	--	0.62 J	10	17	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	8.2	12	--	--	--	--	--	--
	May-12	--	--	--	--	--	7.4	15	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	7.7	21	--	--	--	--	--	--
	May-13	--	--	--	--	--	6.6	20	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	5.1	19	--	--	--	--	--	--
	May-14	--	--	--	--	0.59 J	7.1	17	--	--	--	--	--	--
	Nov-14	--	--	--	--	0.46 J	8.1	19	--	--	--	--	--	--
	May-15	--	--	--	--	--	6.1	15	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	5.3	17	--	--	--	--	--	--
	May-16	--	--	--	--	--	6.1	13	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	4.7 J	17	--	--	--	--	--	--
May-17	--	--	--	--	--	4.4 J	21	--	--	--	--	--	--	
Nov-17	--	--	--	--	--	4.9	27	--	--	--	--	--	--	
May-18	--	--	--	--	--	3.3 J	18	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	2.9 J	21	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	4.8 J	30	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	4.3 J	30	--	--	--	--	0.49 JB	--	
Jun-20	--	--	--	--	--	3.5 J	38	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	3.8 J	46	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	2.9 J	43	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	1.7 J	20	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	1.4 J	18	--	--	--	--	--	--	
Nov-22	--	--	--	--	--	1.7 J	21	--	--	--	--	--	--	
May-23	--	--	--	--	--	--	13	--	--	--	--	--	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
GW-16	Nov-92	--	--	--	7	6	240	160	--	--	--	--	--	--
	Jan-00	--	--	--	10	1 J	50	100	--	--	--	--	--	--
	May-03	--	--	--	13	2 J	29	73	--	--	--	--	--	--
	May-04	--	--	--	18	3 J	34	93	--	--	--	--	--	--
	May-05	--	--	--	19	2 J	35	100	--	--	--	--	--	--
	May-06	--	--	--	13	--	23	85	--	--	--	--	--	--
	May-07	--	--	--	15	2 J	25	95	--	--	--	--	--	--
	May-08	--	--	--	6	6	11	74	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	2.0 J	--	21	81	--	--	--	--	--	--
	Apr-10	--	--	--	10	1.4 J	15	67	--	--	--	--	--	--
	Sep-10	--	--	--	9.7	1.8 J	15	75	--	--	--	--	--	--
	Jun-11	--	--	--	--	2.5 J	16	81	--	--	--	--	--	--
	Dec-11	--	--	--	--	1.3 J	11	56	--	--	--	--	--	--
	May-12	--	--	--	--	1.3 J	11	67	--	--	--	--	--	--
	Nov-12	--	--	--	--	0.96 J	11	57	--	--	--	--	--	--
	May-13	--	--	--	--	2.0 J	8.7	66	--	--	--	--	--	--
	Dec-13	--	--	--	--	1.5 J	8.1	57	--	--	--	--	--	--
	May-14	--	--	--	--	2.2 J	11	56	--	--	--	--	--	--
	Nov-14	--	--	--	--	2.0 J	12	19	--	--	--	--	--	--
	May-15	--	--	--	--	1.1 J	9.4	55	--	--	--	--	--	--
	Nov-15	--	--	--	--	1.0 J	7.9	57	--	--	--	--	--	--
	May-16	--	--	--	--	1.1 J	8.8	51	--	--	--	--	--	--
	Nov-16	--	--	--	--	0.77 J	7.4	47	--	--	--	--	--	--
	May-17	--	--	--	--	--	8.3	54	--	--	--	--	--	--
	Nov-17	3.5 J	--	--	--	1.2 J	7.2	56	--	--	--	--	--	--
	May-18	--	--	--	--	--	5.5	43	--	--	--	--	--	--
	Dec-18	--	--	--	--	0.90 J	5.9	50	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	6.6	51	--	--	--	--	--	--
	Nov-19	--	--	--	--	0.87 J	6.0	48	--	--	--	--	--	--
	Jun-20	--	--	--	--	0.76 J	5.7	51	--	--	--	--	--	--
	Nov-20	--	--	--	--	0.86 J	6.4	52	--	--	--	--	--	--
	Apr-21	--	--	--	--	--	4.9 J	45	--	--	--	--	--	--
	Nov-21	--	--	--	--	0.68 J	5.1	50	--	--	--	--	--	--
	Jun-22	--	--	--	--	--	4.6 J	47	--	--	--	--	--	--
	Nov-22	--	--	--	--	--	4.6 J	43	--	--	--	--	--	--
	May-23	--	--	--	--	--	4.3 J	46	--	--	--	--	--	--
GW-16D	May-08	--	--	--	19	8	58	31	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	22	3.4 J	59	49	--	--	--	--	--	--
	Apr-10	--	--	--	22	5.2	52	39	--	--	--	--	--	--
	Sep-10	--	--	--	22	2.7 J	49	49	--	--	--	--	--	--
	Jun-11	--	--	--	--	4.6 J	41	56	--	--	--	--	--	--
	Dec-11	--	--	--	--	2.3 J	34	48	--	--	--	--	--	--
	May-12	--	--	--	--	2.1 J	35	54	--	--	--	--	--	--
	Nov-12	--	--	--	--	2.2 J	40	54	--	--	--	--	--	--
	May-13	--	--	--	--	4.5 J	29	70	--	--	--	--	--	--
	Dec-13	--	--	--	--	3.5 J	29	52	--	--	--	--	--	--
	May-14	--	--	--	--	6.3	49	50	--	--	--	--	--	--
	Nov-14	--	--	--	--	4.1 J	38	66	--	--	--	--	--	--
	May-15	--	--	--	--	1.9 J	29	65	--	--	--	--	--	--
	Nov-15	--	--	--	--	1.9 J	29	52	--	--	--	--	--	--
	May-16	--	--	--	--	2.8 J	28	59	--	--	--	--	--	--
	Nov-16	--	--	--	--	1.4 J	21	58	--	--	--	--	--	--
	May-17	--	--	--	--	2.2 J	28	69	--	--	--	--	--	--
	Nov-17	3.1 J	--	--	--	2.0 J	22	71	--	--	--	--	--	--
	May-18	--	--	--	--	1.8 J	16	63	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	15	62	--	--	--	--	--	--
	Jun-19	--	0.19JB	--	--	1.3 J	18	70	--	--	--	--	--	--
	Nov-19	--	0.19JB	--	--	1.2 J	17	62	--	--	--	--	0.44 JB	--
	Jun-20	--	--	--	--	1.3 J	17	69	--	--	--	--	--	--
	Nov-20	--	--	--	--	1.4 J	21	61	--	--	--	--	--	--
Apr-21	--	--	--	--	1.4 J	19	70	--	--	--	--	--	--	
Nov-21	--	--	--	--	1.3 J	19	67	--	--	--	--	--	--	
Jun-22	--	--	--	--	1.2 J	16	75	--	--	--	--	--	--	
Nov-22	--	--	--	--	--	17	74	--	--	--	--	--	--	
May-23	--	--	--	--	1.5 J	16	79	--	--	--	--	--	--	

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
GW-20	Nov-93	--	--	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	Jan-94	--	--	--	3 J	0.9 J	48	5	--	--	--	--	--	--
	Feb-94	--	--	--	3 J	0.7 J	58	5	--	--	--	--	--	--
	Mar-94	--	--	--	3 J	1 J	52	6	--	--	--	(1 J)	--	--
	Apr-94	--	--	--	3 J	0.7 J	46	4 J	--	--	--	--	--	--
	Jul-94	--	--	--	4 J	--	46	4 JB	--	--	--	--	--	--
	Oct-94	--	--	--	6	2 J	48	8	--	--	--	--	--	--
	Jan-95	--	--	--	4 J	--	48	7	--	--	--	--	--	--
	Apr-95	--	--	--	4 J	--	48	8	--	--	--	--	--	--
	Jul-95	--	--	--	6	--	51	12	--	--	--	--	--	--
	Oct-95	--	--	--	7	2 J	59	16	--	--	--	--	--	--
	Jan-96	--	--	--	4 J	--	35	10	--	--	--	--	--	--
	Apr-96	--	--	--	3 J	--	26	8	--	--	--	--	--	--
	Jul-96	--	--	--	5	--	42	11	--	--	--	--	--	--
	Oct-96	--	--	--	6	--	42	20	--	--	--	--	--	--
	Jan-97	--	--	--	4 J	--	30	12	--	--	--	--	--	--
	Apr-97	--	--	--	3 J	--	28	10	--	--	--	--	--	--
	Jul-97	--	--	--	4 J	--	28	12	--	--	--	--	--	--
	Oct-97	--	--	--	6	--	34	18	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	23	12	--	--	--	--	--	--
	Apr-98	--	--	--	4 J	--	25	14	--	--	--	--	--	--
	Jul-98	--	--	--	5	--	26	15	--	--	--	--	--	--
	Jan-99	--	--	--	6	--	34	26	--	--	--	--	--	--
	Aug-99	--	--	--	2 J	--	21	18	--	--	--	--	--	--
	Jan-00	--	--	--	5	--	25	24	--	--	--	--	--	--
	Aug-00	--	--	--	4 J	--	16	19	--	--	--	--	--	--
	Jan-01	--	--	--	3 J	--	15	17	--	--	--	--	--	--
	Aug-01	--	--	--	6	--	20	20	--	--	--	--	--	--
	Jan-02	--	--	--	8	--	26	31	--	--	--	--	--	--
	Aug-02	--	--	--	5	--	17	22	--	--	--	--	--	--
	May-03	--	--	--	4 J	--	12	16	--	--	--	--	--	--
	May-04	--	--	--	4 J	--	11	16	--	--	--	--	--	--
	May-05	--	--	--	4 J	--	11	15	--	--	--	--	--	--
	May-06	--	--	--	4 J	--	8	16	--	--	--	--	--	--
	May-07	--	--	--	4 J	--	8	15	--	--	--	--	--	--
	May-08	--	--	--	2 J	2 J	4 J	15	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	11	1.5 J	27	30	--	--	--	--	--
	Apr-10	--	--	--	2.8 J	0.53 J	4.6 J	11	--	--	--	--	--	--
	Sep-10	--	--	--	3.4 J	--	5.3	15	--	--	--	--	--	--
	Jun-11	--	--	--	--	0.57 J	5.1	14	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	3.5 J	10	--	--	--	--	--	--
	May-12	--	--	--	--	--	3.6 J	12	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	4.0 J	12	--	--	--	--	--	--
	May-13	--	--	--	--	--	3.7 J	13	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	2.3 J	10	--	--	--	--	--	--
	May-14	--	--	--	--	0.74 J	3.0 J	11	--	--	--	--	--	--
	Nov-14	--	--	--	--	0.63 J	5.1	15	--	--	--	--	--	--
	May-15	--	--	--	--	--	3.3 J	11	--	--	--	--	--	--
Nov-15	--	--	--	--	--	3.4 J	14	--	--	--	--	--	--	
May-16	--	--	--	--	--	3.0 J	10	--	--	--	--	--	--	
Nov-16	--	--	--	--	--	3.7 J	15	--	--	--	--	--	--	
May-17	--	--	--	--	--	3.5 J	12	--	--	--	--	--	--	
Nov-17	--	--	--	--	--	3.3 J	14	--	--	--	--	--	--	
May-18	--	--	--	--	--	2.0 J	8.3	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	1.8 J	8.3	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	2.2 J	8.8	--	--	--	--	--	--	
Jun-20	--	--	--	--	--	2.1 J	7.6	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	2.7 J	11	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	2.3 J	11	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	2.2 J	11	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	1.7 J	8.3	--	--	--	--	--	--	
Nov-22	--	--	--	--	--	1.9 J	9.6	--	--	--	--	--	--	
May-23	--	--	--	--	--	1.6 J	7.1	--	--	--	--	--	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-21	Well Number	Date Sampled												
		Nov-93	--	--	NS	NS	NS	NS	NS	NS	NS	--	--	--
		Jan-94	--	--	--	6	2 J	100	30	--	--	--	--	--
		Feb-94	--	--	--	5	2 J	120	33	--	--	--	--	--
		Mar-94	--	--	--	5	1 J	83	30	--	--	--	(1 J)	--
		Apr-94	--	--	--	4 J	0.8 J	77	28	--	--	--	--	--
		Jul-94	--	--	--	6	--	96	36 B	--	--	--	--	--
		Oct-94	--	--	--	9	2 J	100	55	--	--	--	--	--
		Jan-95	--	--	--	6	1 J	96	45	--	--	--	--	--
		Apr-95	--	--	--	6	--	83	40	--	--	--	--	--
		Jul-95	--	--	--	10	--	100	51	--	--	--	--	--
		Oct-95	--	--	--	10	2 J	98	58	--	--	--	--	--
		Jan-96	--	--	--	7	--	57	38	--	--	--	--	--
		Apr-96	--	--	--	5	--	44	32	--	--	--	--	--
		Jul-96	--	--	--	10	--	100	66	--	--	--	--	--
		Oct-96	--	--	--	7	--	58	56	--	--	--	--	--
		Jan-97	--	--	--	7	--	65	48	--	--	--	0.8 BJ	--
		Apr-97	--	--	--	5	--	45	35	--	--	--	--	--
		Jul-97	--	--	--	11	--	68	61	--	--	--	--	--
		Oct-97	--	--	--	8	--	52	60	--	--	--	--	--
		Jan-98	--	--	--	4 J	--	34	38	--	--	--	--	--
		Apr-98	--	--	--	5	--	37	41	--	--	--	--	--
		Jul-98	--	--	--	10	--	60	61	--	--	--	--	--
		Jan-99	--	--	--	13	--	61	80	--	--	--	--	--
		Aug-99	--	--	--	10	--	54	54	--	--	--	--	--
		Jan-00	--	--	--	5	--	22	31	--	--	--	--	--
		Aug-00	--	--	--	8	--	36	65	--	--	--	--	--
		Jan-01	--	--	--	5	--	24	42	--	--	--	--	--
		Aug-01	--	--	--	14	1 J	56	77	--	--	--	--	--
		Jan-02	--	--	--	10	1 J	35	63	--	--	--	--	--
		Aug-02	--	--	--	12	1 J	39	67	--	--	--	--	--
		May-03	--	--	--	7	--	21	43	--	--	--	--	--
		May-04	--	--	--	6	--	16	34	--	--	--	--	--
		May-05	--	--	--	8	--	22	40	--	--	--	--	--
		May-06	--	--	--	9	0.6 J	18	42	--	--	--	--	--
		May-07	--	--	--	9	0.6 J	18	41	--	--	--	--	--
		May-08	--	--	--	5	4 J	10	39	--	--	--	--	--
		Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		May-09	--	--	--	6.2	0.71 J	14	34	--	--	--	--	--
		Apr-10	--	--	--	4.7 J	--	8	28	--	--	--	--	--
		Sep-10	--	--	--	8.3	0.77 J	15	48	--	--	--	--	--
		Jun-11	--	--	--	--	0.85 J	8.2	29	--	--	--	--	--
		Dec-11	--	--	--	--	--	4.9 J	19	--	--	--	--	--
		May-12	--	--	--	--	--	7.0	29	--	--	--	--	--
	Nov-12	--	--	--	--	0.41 J	7.4	28	--	--	--	--	--	
	May-13	--	--	--	--	0.66 J	5.1	26	--	--	--	--	--	
	Dec-13	--	--	--	--	0.42 J	4.7 J	24	--	--	--	--	--	
	May-14	--	--	--	--	0.71 J	3.6 J	21	--	--	--	--	--	
	Nov-14	--	--	--	--	0.75 J	7.7	31	--	--	--	--	--	
	May-15	--	--	--	--	0.45 J	6.8	29	--	--	--	--	--	
	Nov-15	--	--	--	--	--	3.8 J	22	--	--	--	--	--	
	May-16	--	--	--	--	0.63 J	7.2	30	--	--	--	--	--	
	Nov-16	--	--	--	--	--	3.2 J	17	--	--	--	--	--	
	May-17	--	--	--	--	--	4.4 J	21	--	--	--	--	--	
	Nov-17	3.3 J	--	--	--	--	3.1 J	19	--	--	--	--	--	
	May-18	--	--	--	--	--	2.6 J	15	--	--	--	--	--	
	Dec-18	--	--	--	--	--	2.6 J	15	--	--	--	--	--	
	Jun-19	--	--	--	--	--	3.2 J	19	--	--	--	--	--	
	Jun-20	--	--	--	--	--	4.1 J	24	--	--	--	--	--	
	Nov-20	--	--	--	--	--	4.6 J	26	--	--	--	--	--	
	Apr-21	--	--	--	--	--	3.5 J	23	--	--	--	--	--	
	Nov-21	--	--	--	--	--	3.3 J	20	--	--	--	--	--	
	Jun-22	--	--	--	--	--	3.1 J	19	--	--	--	--	--	
	Nov-22	--	--	--	--	--	3.1 J	19	--	--	--	--	--	
	May-23	--	--	--	--	--	2.8 J	20	--	--	--	--	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
GW-22	Nov-93	--	--	--	8	7	520	1000	--	--	--	--	--	--
	Jan-94	--	--	--	4 J	3 J	470	150	--	--	5	--	--	--
	Feb-94	--	--	--	5	3 J	150	270	--	--	5	--	--	--
	Mar-94	--	--	--	8	2 J	84	130	--	--	--	2 J	--	--
	Apr-94	--	--	--	4 J	1 J	74	120	--	--	--	--	--	--
	Jul-94	--	--	--	4 J	2 J	160	310	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	57	130	--	--	--	--	--	--
	Jan-95	--	--	--	0.9 J	--	61	110	--	--	--	--	--	--
	Apr-95	--	--	--	1 J	--	72	140	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	43	96	--	--	--	--	--	--
	Oct-95	--	--	--	3 J	1 J	79	150	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	74	190	--	--	--	--	--	--
	Apr-96	--	--	--	2 J	2 J	160	400	--	--	--	--	--	--
	Jul-96	--	--	--	--	3 J	360	850	--	--	--	--	--	--
	Oct-96	--	--	--	2 J	--	18	78	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	30	82	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	66	130	--	--	--	--	--	--
	Jul-97	--	--	--	2 J	1 J	100	280 D	--	--	--	--	--	--
	Oct-97	--	--	--	2 J	1 J	190	350 D	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	12	88	--	--	--	--	--	--
	Apr-98	--	--	--	3 J	--	44	150	--	--	--	--	--	--
	Jul-98	--	--	--	1 J	--	27	90	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	22	83	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	9	64	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	6	30	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	24	210 D	--	--	--	--	--	--
	Jan-01	--	--	--	3 J	--	12	180 D	--	--	--	--	--	--
	Aug-01	--	--	--	3 J	--	67	290 D	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	67	500	--	--	--	--	--	--
	Aug-02	--	--	--	2 J	--	38	350	--	--	--	--	--	--
	May-03	--	--	--	--	--	29	310	--	--	--	--	--	--
	May-04	--	--	--	--	--	23	230	--	--	--	--	--	--
	May-05	--	--	--	--	--	22	200 D	--	--	--	--	--	--
	May-06	--	--	--	3 J	--	21	210 D	--	--	--	--	--	--
	May-07	--	--	--	4 J	--	22	200	--	--	--	--	3 J	--
	May-08	--	--	--	--	5 J	12 J	200	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	23	210	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	18	210	--	--	--	--	--	--
	Sep-10	--	--	--	1.9 J	--	20	210	--	--	--	--	--	--
	Jun-11	--	--	--	--	2.9 J	37	570	--	--	--	--	--	--
	Dec-11	--	--	--	--	1.3 J	36	580	--	--	--	--	--	--
	May-12	--	--	--	--	--	23 J	420	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	33 J	480	--	--	--	--	--	--
	May-13	--	--	--	--	--	27 J	590	--	--	--	--	6.0 J	--
	Dec-13	--	--	--	--	1.5 J	18 J	400	--	--	--	--	--	--
	May-14	--	--	--	--	--	31 J	440	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	38 J	520	--	--	--	--	--	--
	May-15	--	--	--	--	--	28 J	460	--	--	--	--	--	--
Nov-15	--	--	--	--	--	25 J	480	--	--	--	--	--	--	
May-16	--	--	--	--	--	29 J	430	--	--	--	--	--	--	
Nov-16	--	--	--	--	--	24 J	440	--	--	--	--	--	--	
May-17	--	--	--	--	--	24 J	470	--	--	--	--	--	--	
Nov-17	--	--	--	--	--	20 J	410	--	--	--	--	--	--	
May-18	--	--	--	--	--	24 J	460	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	17 J	430	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	17 J	430	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	13 J	370	--	--	--	--	13 JB	3.7	
Jun-20	--	--	--	--	--	6.0 J	120	--	--	--	--	2.4 J	--	
Nov-20	--	--	--	--	--	7.4 J	140	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	7.5 J	150	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	7.0 J	140	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	6.3 J	120	--	--	--	--	--	--	
Dec-22	--	--	--	--	--	6.6 J	130	--	--	--	--	--	--	
May-23	--	--	--	--	--	5.2 J	120	--	--	--	--	--	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
GW-22D	Apr-94	--	--	--	12	0.8 J	43	2 J	--	--	--	--	--	--
	Jul-94	--	--	--	13	2 J	100	12 B	--	--	--	--	--	0.6 J
	Oct-94	--	--	--	8	3 J	180	14	--	--	--	--	--	0.6 J
	Jan-95	--	--	--	5	0.8 J	100	23	--	--	--	--	--	--
	Apr-95	--	--	--	3 J	--	150	90	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	100	130	--	--	--	--	--	--
	Oct-95	--	--	--	3 J	1 J	71	100	--	--	--	--	--	--
	Jan-96	--	--	--	2 J	--	59	95	--	--	--	--	--	--
	Apr-96	--	5	--	3 J	--	76	140	--	--	--	--	--	--
	Jul-96	--	--	--	4 J	2 J	90	160	--	--	--	--	--	--
	Oct-96	--	--	--	4 J	1 J	60	83	--	--	--	--	--	--
	Jan-97	--	--	--	3 J	--	44	64	--	--	--	--	2 B J	--
	Apr-97	--	--	--	8	--	130	180	--	--	--	--	--	--
	Jul-97	--	--	--	4 J	5	250 D	310 D	--	--	--	--	--	--
	Oct-97	--	--	--	4 J	5	240	370	--	--	--	--	--	--
	Jan-98	--	--	--	--	1 J	120	180	--	--	--	--	--	--
	Apr-98	--	--	--	3 J	--	44	150	--	--	--	--	--	--
	Jul-98	--	--	--	4 J	--	30	160	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	53	280 E	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	11	180	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	8	130	--	--	--	--	--	--
	Aug-00	--	--	--	1 J	--	18	200	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	20	190 D	--	--	--	--	--	--
	Aug-01	--	--	--	16	3 J	29	140 D	--	--	--	--	--	--
	Jan-02	--	--	--	12	3 J	56	130	--	--	--	--	--	--
	Aug-02	--	--	--	24	12	340	770	--	--	--	--	8	--
	May-03	--	--	--	19 J	--	280 D	1,600D	--	--	--	--	--	--
	May-04	--	--	--	--	--	160	1,500	--	--	--	--	--	--
	May-05	--	--	--	--	--	150	1,500	--	--	--	--	--	--
	May-06	--	--	--	10	3 J	110 E	1,000 E	--	--	--	--	--	--
	May-07	--	--	--	--	--	110	1,300	--	--	--	--	13J	--
	May-08	--	--	--	--	19 J	51 J	1,000	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	63	810	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	53	870	--	--	--	--	--	--
	Sep-10	--	--	--	3.9 J	1.2 J	42	640	--	--	--	--	--	--
	Jun-11	--	--	--	--	2.9 J	19	230	--	--	--	--	--	--
	Dec-11	--	1.5 J	--	--	--	15	160	--	--	--	--	--	--
	May-12	--	1.8 J	--	--	--	12 J	210	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	13 J	170	--	--	--	--	--	--
	May-13	--	--	--	--	--	13 J	210	--	--	--	--	2.5 J	--
	Dec-13	--	--	--	--	--	9.6 J	160	--	--	--	--	--	--
	May-14	--	--	--	--	1.4 J	17 J	180	--	--	--	--	--	--
	Nov-14	--	--	--	--	1.2 J	18	200	--	--	--	--	--	--
	May-15	--	--	--	--	--	15 J	200	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	9.9 J	170	--	--	--	--	--	--
	May-16	--	--	--	--	--	11 J	170	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	10 J	160	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	190	--	--	--	--	--	--
Nov-17	--	--	--	--	--	11 J	180	--	--	--	--	2.7 J	--	
May-18	--	--	--	--	--	9.9 J	180	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	9.2 J	180	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	9.1 J	180	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	6.5 J	120	--	--	--	--	38 B	2.0 J	
Jun-20	--	--	--	--	--	14 J	340	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	15 J	380	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	13 J	390	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	15 J	390	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	12 J	370	--	--	--	--	--	--	
Dec-22	--	--	--	--	--	13 J	350	--	--	--	--	--	--	
May-23	--	--	--	--	--	12 J	320	--	--	--	--	4.1 J	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)														
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform		
GW-23D	Well Number	Date Sampled	--	--	--	15	4 J	1 J	480 D	--	--	--	--	--	--	--
		May-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		May-09	1.6 J	--	--	25	3.2 J	3.0 J	--	--	--	0.88 J	--	--	--	--
		Apr-10	--	--	--	27	5.5	--	420	--	--	--	--	--	--	--
		Sep-10	1.2 J	--	--	28	4.2 J	3.0 J	410	--	--	1.1 J	--	--	--	--
		Jun-11	--	--	--	--	--	2.2 J	400	--	--	1.2 J	--	--	--	--
		Dec-11	--	--	--	--	3.3 J	--	310	--	--	--	--	--	--	--
		May-12	--	--	--	--	3.3 J	--	340	--	--	--	--	--	--	--
		Nov-12	--	--	--	--	4.1 J	--	340	--	--	--	--	4.0 J	--	--
		May-13	--	--	--	--	--	--	370	--	--	--	--	5.9 J	--	--
		Dec-13	--	--	--	--	--	--	370	--	--	--	--	5.9 J	--	--
		May-14	--	--	--	--	2.3 J	--	330	--	--	--	--	--	--	--
		Nov-14	--	--	--	--	3.5 J	2.2 J	390	--	--	1.6 J	--	--	--	--
		May-15	--	--	--	--	2.3 J	--	340	--	--	--	--	--	--	--
		Nov-15	--	--	--	--	--	--	330	--	--	--	--	--	--	--
		May-16	--	--	--	--	--	--	320	--	--	--	--	--	--	--
		Nov-16	--	--	--	--	--	--	320	--	--	--	--	--	--	--
		May-17	--	--	--	--	--	--	340	--	--	--	--	--	--	--
		Nov-17	--	--	--	--	--	--	310	--	--	7.3 J	--	6.2 J	--	--
		May-18	--	--	--	--	--	3.7 J	390	--	--	--	--	--	--	--
		Dec-18	--	--	--	--	1.9 J	--	130	--	--	140	--	--	--	--
		Jun-19	--	--	--	--	--	--	350	--	--	--	--	--	--	--
		Nov-19	--	--	--	--	--	--	320	--	--	--	--	34 JB	--	--
		Jun-20	--	--	--	--	--	--	380	--	--	--	--	--	--	--
		Nov-20	--	--	--	--	--	--	360	--	--	--	--	--	--	--
		Apr-21	--	--	--	--	--	--	380	--	--	--	--	--	--	--
		Nov-21	--	--	--	--	--	--	420	--	--	--	--	--	--	--
		Jun-22	--	--	--	--	--	--	410	--	--	--	--	--	--	--
		Nov-22	--	--	--	--	--	--	150	--	--	120	--	--	--	--
	May-23	--	--	--	--	--	--	440	--	--	--	--	--	--	--	

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
RW-3	Well Number	Date Sampled	Nov-93	--	--	--	--	--	(2 J)	--	--	--	--	--
	Jan-94	--	--	--	--	--	--	--	--	--	--	--	--	
	Feb-94	--	--	--	--	--	--	--	--	--	--	--	--	
	Mar-94	--	--	--	--	--	1 J	(0.7 J)	--	--	(2 J)	0.9 J	--	
	Apr-94	--	--	--	--	--	--	--	--	--	--	--	--	
	Jul-94	--	--	--	--	--	--	--	--	--	--	--	--	
	Oct-94	--	--	--	--	--	--	--	--	--	--	--	--	
	Jan-95	--	--	--	--	--	--	--	--	--	--	--	--	
	Apr-95	--	--	--	--	--	--	--	--	--	--	--	--	
	Jul-95	--	--	--	--	--	--	--	--	--	--	--	--	
	Oct-95	--	--	--	--	--	--	--	--	--	--	--	--	
	Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	
	Apr-96	--	--	--	--	--	--	--	--	--	--	--	--	
	Jul-96	--	--	--	--	--	--	--	--	--	--	--	--	
	Oct-96	--	--	--	--	--	--	--	--	--	--	--	--	
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97	--	--	--	--	--	--	2 J	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Aug-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-06	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-07	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	--	0.73 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	0.78 J	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	3.8 J	15	--	--	--	--	--	--
	Jun-19	--	0.24 JB	--	--	--	--	--	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-20	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-20	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-21	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-21	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-22	5.1 J	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-22	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-23	--	--	--	--	0.64 J	3.7 J	72	--	--	--	--	--	--

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled	Nov-93	--	--	--	--	--	--	--	--	--	--	--	--
SW-1	Jan-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	2 J	(2 J)	--	--	(1 J)	--	--	--
	Apr-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	2 J	1 J	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	--	--	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-06	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-07	--	--	--	--	--	--	0.8 J	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	0.6 J	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	--	0.42 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov-14	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-15	--	--	--	--	--	--	0.59 J	--	--	--	--	--	--	
Nov-15	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-16	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-16	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-17	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-17	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-18	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	2.3 J	15	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	--	--	--	--	--	--	0.48 JB	--	
Jun-20	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	--	--	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	--	--	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dec-22	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-23	--	--	--	--	--	--	--	--	--	--	--	--	--	

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
SD-1	Nov-93	--	--	(1 J)	--	--	--	--	--	(2 J)	--	--	--	--
	Jan-94	--	--	--	--	--	9	4	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Mar-94	53	--	--	--	--	--	--	--	--	--	--	--	3 J
	Apr-94	--	--	--	--	--	7	2 J	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	--	--	--	--	--	--	18 B	--
	Oct-94	56	--	--	--	--	--	7 J	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-95	--	--	--	4 J	--	--	5	--	--	--	--	--	--
	Oct-95	41	--	--	--	--	7	12	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	9	8	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	4 J	5	--	--	--	--	--	--
	Oct-96	--	--	--	8	--	4 J	12	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-97	--	--	--	--	--	11	11	--	--	--	--	2 BJ	--
	Jul-97	--	--	--	--	--	--	--	--	--	--	--	3 J	--
	Oct-97	--	--	--	10	--	11	18	--	--	10	--	9 B	--
	Jan-98	37	--	4 J	--	--	--	7	--	--	2 J	--	2 J	--
	Apr-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	--	--	--	--	--	3 J	--
	Jan-99	--	--	--	--	--	--	--	4 J	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-00	--	--	--	3 J	--	19	33	--	--	--	--	3 BJ	--
	Aug-00	--	--	--	7	--	--	--	--	--	--	--	--	--
	Jan-01	--	--	--	27	--	17	68	--	--	8	--	4 BJ	--
	Aug-01	54 B	--	--	21	--	--	3 J	--	3 J	15	--	--	--
	Jan-02	59	--	--	19	5	7	26	--	--	--	--	6	--
	Aug-02	42	--	--	5	--	--	2 J	--	--	9	--	14 B	--
	May-03	97 B	--	3 J	9 J	--	--	4 J	--	18 BJ	27 J	--	7 BJ	--
	May-04	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	9 BJ	--	--	10 J	--	7 J	45	--	3 BJ	--	--	--	--
	May-06	11 J	--	--	12 J	--	3 J	13 J	--	--	--	--	--	--
	May-07	--	--	--	4 J	--	--	10 J	--	--	5 J	--	9 BJ	--
	May-08	--	--	--	6 J	--	5 J	21	--	--	--	--	9 J	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	12	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-11	28 B	--	--	--	--	--	--	--	--	--	--	8 JB	--
	Dec-11	53 H	--	--	--	--	--	2.8 JH	--	12 J	5.0 J	1.5 J	7.8 JH	--
	May-12	21 J	--	--	--	--	--	5.3 J	--	--	--	--	--	--
	Nov-12	--	--	--	--	--	--	4.9 J	--	--	--	--	--	--
	May-13	21 J	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-14	20 J	--	--	--	--	--	2.3 J	--	--	--	--	--	--
	Nov-14	29 J	--	--	--	--	--	--	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov-15	--	--	0.59 J	--	--	--	--	1.3 J	--	--	--	--	--	
May-16	38 J	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-16	43	--	--	--	--	--	--	--	--	--	--	--	--	
May-17	10 Jvs	--	--	--	--	--	--	--	--	--	--	5.1 Jvs	--	
Nov-17	13 Jvs	--	--	--	--	--	--	0.89 Jvs	--	--	--	--	--	
May-18	63 vs	--	--	--	1.4 Jvs	--	--	9.1 Jvs	--	--	--	--	--	
Dec-18	20 Jvs	--	--	--	--	--	--	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	--	--	--	--	--	--	23 Bvs	--	
Jun-20	11 J vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	
Nov-20	9.7 Jvs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	
Apr-21	20 Jvs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	
Nov-21	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	
Jun-22	40 Jvs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	7.2 Jvs	-- vs	-- vs	-- vs	-- vs	-- vs	
Dec-22	44 Jvs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	25 vs	-- vs	1.2 Jvs	-- vs	-- vs	-- vs	
May-23	7.0 Jvs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

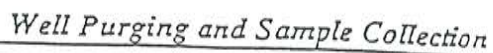
		Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Well Number	Date Sampled													
Field Blank/Trip Blank	Nov-93	--	--	--	--	--	--	0.6 J	--	--	--	--	--	--
	Jan-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	--	--	(0.5 J)	--	(1 J)	--	--	--
	Apr-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	16
	Apr-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	--	--	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	--	--	--	--	--	3 BJ	--
	Aug-01	13	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-04	12	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	9J	--	--	--	--	--	--	--	--	--	--	--	--
	May-06	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-07	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-09	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
May-13	--	--	--	--	--	--	--	--	--	--	--	--	--	
Dec-13	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-14	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-14	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-15	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-15	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-16	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-16	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-17	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-17	3.3 J	--	--	--	--	--	--	--	--	--	--	--	--	
May-18	--	--	--	--	--	--	0.77 J	--	--	--	--	--	--	
Dec-18	--	--	--	--	--	--	--	--	--	--	--	--	--	
Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-19	--	--	--	--	--	--	--	--	--	--	--	1.3 JB	--	
Jun-20	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-20	--	--	--	--	--	--	--	--	--	--	--	--	--	
Apr-21	--	--	--	--	--	--	--	--	--	--	--	--	--	
Nov-21	--	--	--	--	--	--	--	--	--	--	--	--	--	
Jun-22	--	--	--	--	--	--	--	--	--	--	--	0.63 J	--	
Dec-22	--	--	--	--	--	--	--	--	--	--	--	--	--	
May-23	--	--	--	--	--	--	--	--	--	--	--	0.63 J	--	

NOTES:

- Not Detected
- B Compound was also detected in the associated method blank.
- D Analysis performed at a secondary dilution factor.
- Dup Duplicate Sample
- E Compound was detected above the instruments calibration range thus a secondary dilution was performed.
- J Detected below method detection limit. Value shown is therefore estimated.
- NS No Sample
- vs Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.
- (3) Values in parentheses are less than 10 times that found in the field blank or Laboratory method blanks and therefore are not representative of actual site conditions (i.e., artifacts or attributable to laboratory introduced contamination).*
- * Reference: U.S. EPA, 1988. Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses.
- GW-22 Groundwater well sample (water table)
- GW-22D Groundwater well sample (deep)
- RW-3 Cabin well sample
- SW Surface water sample
- SD Sediment Sample (ug/kg)

ATTACHMENT 3

Field Sampling Reports and Analytical Data Packages



Volume Calculation: _____

(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: _____

Comments: _____

Field Blank Taken ☐ Time: _____

Well Duplicate ☒ No.: _____

Signature:

Date: 12 / 1 / 22

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



Gals./well vol.: 41.8 / 14.2

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



Site: MACHIAS GRAVEL PIT

☒

Bailed

☐

Other.

Bailer Type:

 Σ^w

RAIN 43°

Gals./well vol.: 1.5 / 4.7

Sample Readings

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Time:

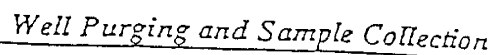


No.:

icate ☐ No.: _____
Atch

11 / 30 / 22

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



Volume Calculation: _____

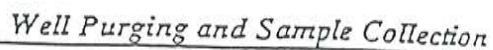
Gals./well vol.: 7.6 / 22.9

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



Gals./well vol.: .6 / 1.9

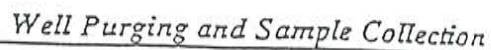
HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



(D.T.B. - D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

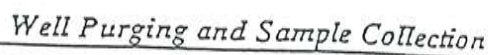
Gals./well vol.: 1.0 / 3.0

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



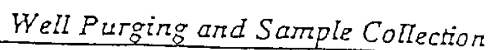
Gals./well vol.: 1.2 / 3.5

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



Gals./well vol.: 1.1 / 3.2

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



Gals./well vol.: 4.6 / 13.7

Comments: WHEEL IN GOOD CONDITION

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Rich Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Generated 12/7/2022 3:00:29 PM

JOB DESCRIPTION

Machias site

JOB NUMBER

480-204316-1

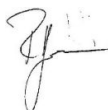
Eurofins Buffalo

Job Notes

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Authorization



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Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A- L low-level specifications.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Job ID: 480-204316-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-204316-1

Comments

No additional comments.

Receipt

The samples were received on 12/1/2022 1:36 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.1° C.

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: GW-23D (480-204316-10), (480-204316-A-10 MS) and (480-204316-A-10 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: GW-10 (480-204316-6).

Method 8260C: The matrix spike duplicate (MSD) recoveries for analytical batch 480-651956 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: GW-5 (480-204316-14), GW-22 (480-204316-15), GW-22D (480-204316-16), (480-204316-A-14 MS) and (480-204316-A-14 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-651946 recovered above the upper control limit for 2-Hexanone and 4-Methyl-2-pentanone (MIBK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TB (480-204316-12), GW-5 (480-204316-14), GW-22 (480-204316-15), GW-22D (480-204316-16) and SW-1 (480-204316-18).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-651946 recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-651946 were outside control limits for one or more analytes, see QC Sample Results for detail.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: GW-3 (480-204316-1). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-652140 recovered outside acceptance criteria, low biased, for Vinyl acetate. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is impacted: SD-1 (480-204316-19).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-3

Lab Sample ID: 480-204316-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.4		5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene - DL	110		10	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: GW-5D

Lab Sample ID: 480-204316-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.47	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-6

Lab Sample ID: 480-204316-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.7	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	1.2	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-7

Lab Sample ID: 480-204316-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.78	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-9

Lab Sample ID: 480-204316-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.9	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	7.0		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-10

Lab Sample ID: 480-204316-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.7	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	21		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-16

Lab Sample ID: 480-204316-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.6	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	43		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-16D

Lab Sample ID: 480-204316-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	17		5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	74		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-21

Lab Sample ID: 480-204316-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.1	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	19		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-23D

Lab Sample ID: 480-204316-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	230		80	6.5	ug/L	8		8260C	Total/NA
Trichloroethene	150		40	3.7	ug/L	8		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: RW-3

Lab Sample ID: 480-204316-11

No Detections.

Client Sample ID: TB

Lab Sample ID: 480-204316-12

No Detections.

Client Sample ID: DUP

Lab Sample ID: 480-204316-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.2	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	42		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-5

Lab Sample ID: 480-204316-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	330		50	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: GW-22

Lab Sample ID: 480-204316-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.6	J	20	3.3	ug/L	4		8260C	Total/NA
Trichloroethene	130		20	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: GW-22D

Lab Sample ID: 480-204316-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	13	J	20	3.3	ug/L	4		8260C	Total/NA
Trichloroethene	350		20	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: GW-20

Lab Sample ID: 480-204316-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.9	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	9.6		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: SW-1

Lab Sample ID: 480-204316-18

No Detections.

Client Sample ID: SD-1

Lab Sample ID: 480-204316-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	9.4	J vs	70	5.1	ug/Kg	1	✱	8260C	Total/NA
Acetone	44	J vs	70	12	ug/Kg	1	✱	8260C	Total/NA
Ethylbenzene	1.2	J vs	14	0.96	ug/Kg	1	✱	8260C	Total/NA
Toluene	25	vs	14	1.1	ug/Kg	1	✱	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-3

Lab Sample ID: 480-204316-1

Date Collected: 11/30/22 11:55

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	6.4		5.0	0.82	ug/L			12/02/22 21:28	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 21:28	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 21:28	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 21:28	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 21:28	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 21:28	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 21:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 21:28	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 21:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 21:28	1
Acetone	ND		10	3.0	ug/L			12/02/22 21:28	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 21:28	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 21:28	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 21:28	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 21:28	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 21:28	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 21:28	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 21:28	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 21:28	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 21:28	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 21:28	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 21:28	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 21:28	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 21:28	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 21:28	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 21:28	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 21:28	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 21:28	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 21:28	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 21:28	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 21:28	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		12/02/22 21:28	1
4-Bromofluorobenzene (Surr)	97		73 - 120		12/02/22 21:28	1
Toluene-d8 (Surr)	97		80 - 120		12/02/22 21:28	1

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	110		10	0.92	ug/L			12/05/22 16:47	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		12/05/22 16:47	2
4-Bromofluorobenzene (Surr)	96		73 - 120		12/05/22 16:47	2
Toluene-d8 (Surr)	98		80 - 120		12/05/22 16:47	2

Eurofins Buffalo

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-5D

Lab Sample ID: 480-204316-2

Date Collected: 11/30/22 09:18

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/02/22 21:51	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 21:51	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 21:51	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 21:51	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 21:51	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 21:51	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 21:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 21:51	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 21:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 21:51	1
Acetone	ND		10	3.0	ug/L			12/02/22 21:51	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 21:51	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 21:51	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 21:51	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 21:51	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 21:51	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 21:51	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 21:51	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 21:51	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 21:51	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 21:51	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 21:51	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 21:51	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 21:51	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 21:51	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 21:51	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 21:51	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 21:51	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 21:51	1
Trichloroethene	0.47	J	5.0	0.46	ug/L			12/02/22 21:51	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 21:51	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 21:51	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		12/02/22 21:51	1
4-Bromofluorobenzene (Surr)	97		73 - 120		12/02/22 21:51	1
Toluene-d8 (Surr)	97		80 - 120		12/02/22 21:51	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-6

Lab Sample ID: 480-204316-3

Date Collected: 11/30/22 13:36

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.7	J	5.0	0.82	ug/L			12/02/22 22:14	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 22:14	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 22:14	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 22:14	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 22:14	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 22:14	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 22:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 22:14	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 22:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 22:14	1
Acetone	ND		10	3.0	ug/L			12/02/22 22:14	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 22:14	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 22:14	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 22:14	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 22:14	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 22:14	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 22:14	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 22:14	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 22:14	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 22:14	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 22:14	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 22:14	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 22:14	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 22:14	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 22:14	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 22:14	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 22:14	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 22:14	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 22:14	1
Trichloroethene	1.2	J	5.0	0.46	ug/L			12/02/22 22:14	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 22:14	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 22:14	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		12/02/22 22:14	1
4-Bromofluorobenzene (Surr)	95		73 - 120		12/02/22 22:14	1
Toluene-d8 (Surr)	97		80 - 120		12/02/22 22:14	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-7

Lab Sample ID: 480-204316-4

Date Collected: 11/30/22 12:54

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/02/22 22:37	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 22:37	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 22:37	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 22:37	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 22:37	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 22:37	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 22:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 22:37	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 22:37	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 22:37	1
Acetone	ND		10	3.0	ug/L			12/02/22 22:37	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 22:37	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 22:37	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 22:37	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 22:37	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 22:37	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 22:37	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 22:37	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 22:37	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 22:37	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 22:37	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 22:37	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 22:37	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 22:37	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 22:37	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 22:37	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 22:37	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 22:37	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 22:37	1
Trichloroethene	0.78	J	5.0	0.46	ug/L			12/02/22 22:37	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 22:37	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 22:37	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		12/02/22 22:37	1
4-Bromofluorobenzene (Surr)	95		73 - 120		12/02/22 22:37	1
Toluene-d8 (Surr)	95		80 - 120		12/02/22 22:37	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-9

Lab Sample ID: 480-204316-5

Date Collected: 11/30/22 10:53

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.9	J	5.0	0.82	ug/L			12/02/22 23:00	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 23:00	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 23:00	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 23:00	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 23:00	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 23:00	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 23:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 23:00	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 23:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 23:00	1
Acetone	ND		10	3.0	ug/L			12/02/22 23:00	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 23:00	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 23:00	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 23:00	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 23:00	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 23:00	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 23:00	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 23:00	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 23:00	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 23:00	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 23:00	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 23:00	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 23:00	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 23:00	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 23:00	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 23:00	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 23:00	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 23:00	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 23:00	1
Trichloroethene	7.0		5.0	0.46	ug/L			12/02/22 23:00	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 23:00	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 23:00	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		12/02/22 23:00	1
4-Bromofluorobenzene (Surr)	97		73 - 120		12/02/22 23:00	1
Toluene-d8 (Surr)	98		80 - 120		12/02/22 23:00	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-10

Lab Sample ID: 480-204316-6

Date Collected: 11/29/22 10:07

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.7	J	5.0	0.82	ug/L			12/02/22 23:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 23:23	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 23:23	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 23:23	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 23:23	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 23:23	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 23:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 23:23	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 23:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 23:23	1
Acetone	ND		10	3.0	ug/L			12/02/22 23:23	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 23:23	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 23:23	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 23:23	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 23:23	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 23:23	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 23:23	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 23:23	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 23:23	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 23:23	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 23:23	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 23:23	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 23:23	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 23:23	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 23:23	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 23:23	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 23:23	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 23:23	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 23:23	1
Trichloroethene	21		5.0	0.46	ug/L			12/02/22 23:23	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 23:23	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 23:23	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		12/02/22 23:23	1
4-Bromofluorobenzene (Surr)	93		73 - 120		12/02/22 23:23	1
Toluene-d8 (Surr)	98		80 - 120		12/02/22 23:23	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-16

Lab Sample ID: 480-204316-7

Date Collected: 11/29/22 13:20

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.6	J	5.0	0.82	ug/L			12/02/22 23:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 23:46	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 23:46	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 23:46	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 23:46	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 23:46	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 23:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 23:46	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 23:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 23:46	1
Acetone	ND		10	3.0	ug/L			12/02/22 23:46	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 23:46	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 23:46	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 23:46	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 23:46	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 23:46	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 23:46	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 23:46	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 23:46	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 23:46	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 23:46	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 23:46	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 23:46	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 23:46	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 23:46	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 23:46	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 23:46	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 23:46	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 23:46	1
Trichloroethene	43		5.0	0.46	ug/L			12/02/22 23:46	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 23:46	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 23:46	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		12/02/22 23:46	1
4-Bromofluorobenzene (Surr)	90		73 - 120		12/02/22 23:46	1
Toluene-d8 (Surr)	94		80 - 120		12/02/22 23:46	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-16D

Lab Sample ID: 480-204316-8

Date Collected: 11/29/22 13:56

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	17		5.0	0.82	ug/L			12/03/22 00:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/03/22 00:09	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/03/22 00:09	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/03/22 00:09	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/03/22 00:09	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/03/22 00:09	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/03/22 00:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/03/22 00:09	1
2-Hexanone	ND		10	1.2	ug/L			12/03/22 00:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/03/22 00:09	1
Acetone	ND		10	3.0	ug/L			12/03/22 00:09	1
Benzene	ND		5.0	0.41	ug/L			12/03/22 00:09	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/03/22 00:09	1
Bromoform	ND		5.0	0.26	ug/L			12/03/22 00:09	1
Bromomethane	ND		10	0.69	ug/L			12/03/22 00:09	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/03/22 00:09	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/03/22 00:09	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/03/22 00:09	1
Chloroethane	ND		10	0.32	ug/L			12/03/22 00:09	1
Chloroform	ND		5.0	0.34	ug/L			12/03/22 00:09	1
Chloromethane	ND		10	0.35	ug/L			12/03/22 00:09	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/03/22 00:09	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/03/22 00:09	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/03/22 00:09	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/03/22 00:09	1
Styrene	ND		5.0	0.73	ug/L			12/03/22 00:09	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/03/22 00:09	1
Toluene	ND		5.0	0.51	ug/L			12/03/22 00:09	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/03/22 00:09	1
Trichloroethene	74		5.0	0.46	ug/L			12/03/22 00:09	1
Vinyl acetate	ND		10	0.85	ug/L			12/03/22 00:09	1
Vinyl chloride	ND		10	0.90	ug/L			12/03/22 00:09	1
Xylenes, Total	ND		10	0.66	ug/L			12/03/22 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		12/03/22 00:09	1
4-Bromofluorobenzene (Surr)	94		73 - 120		12/03/22 00:09	1
Toluene-d8 (Surr)	97		80 - 120		12/03/22 00:09	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-21

Lab Sample ID: 480-204316-9

Date Collected: 11/29/22 14:09

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	3.1	J	5.0	0.82	ug/L			12/03/22 00:32	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/03/22 00:32	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/03/22 00:32	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/03/22 00:32	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/03/22 00:32	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/03/22 00:32	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/03/22 00:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/03/22 00:32	1
2-Hexanone	ND		10	1.2	ug/L			12/03/22 00:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/03/22 00:32	1
Acetone	ND		10	3.0	ug/L			12/03/22 00:32	1
Benzene	ND		5.0	0.41	ug/L			12/03/22 00:32	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/03/22 00:32	1
Bromoform	ND		5.0	0.26	ug/L			12/03/22 00:32	1
Bromomethane	ND		10	0.69	ug/L			12/03/22 00:32	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/03/22 00:32	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/03/22 00:32	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/03/22 00:32	1
Chloroethane	ND		10	0.32	ug/L			12/03/22 00:32	1
Chloroform	ND		5.0	0.34	ug/L			12/03/22 00:32	1
Chloromethane	ND		10	0.35	ug/L			12/03/22 00:32	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/03/22 00:32	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/03/22 00:32	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/03/22 00:32	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/03/22 00:32	1
Styrene	ND		5.0	0.73	ug/L			12/03/22 00:32	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/03/22 00:32	1
Toluene	ND		5.0	0.51	ug/L			12/03/22 00:32	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/03/22 00:32	1
Trichloroethene	19		5.0	0.46	ug/L			12/03/22 00:32	1
Vinyl acetate	ND		10	0.85	ug/L			12/03/22 00:32	1
Vinyl chloride	ND		10	0.90	ug/L			12/03/22 00:32	1
Xylenes, Total	ND		10	0.66	ug/L			12/03/22 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		12/03/22 00:32	1
4-Bromofluorobenzene (Surr)	91		73 - 120		12/03/22 00:32	1
Toluene-d8 (Surr)	94		80 - 120		12/03/22 00:32	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-23D

Lab Sample ID: 480-204316-10

Date Collected: 11/29/22 11:56

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	6.6	ug/L			12/03/22 00:55	8
1,1,2,2-Tetrachloroethane	ND		40	1.7	ug/L			12/03/22 00:55	8
1,1,2-Trichloroethane	ND		40	1.8	ug/L			12/03/22 00:55	8
1,1-Dichloroethene	ND	F1	40	2.3	ug/L			12/03/22 00:55	8
1,2-Dichloroethane	ND		40	1.7	ug/L			12/03/22 00:55	8
1,2-Dichloroethene, Total	230		80	6.5	ug/L			12/03/22 00:55	8
1,2-Dichloropropane	ND		40	5.8	ug/L			12/03/22 00:55	8
2-Butanone (MEK)	ND		80	11	ug/L			12/03/22 00:55	8
2-Hexanone	ND		80	9.9	ug/L			12/03/22 00:55	8
4-Methyl-2-pentanone (MIBK)	ND		80	17	ug/L			12/03/22 00:55	8
Acetone	ND		80	24	ug/L			12/03/22 00:55	8
Benzene	ND		40	3.3	ug/L			12/03/22 00:55	8
Bromodichloromethane	ND		40	3.1	ug/L			12/03/22 00:55	8
Bromoform	ND		40	2.1	ug/L			12/03/22 00:55	8
Bromomethane	ND		80	5.5	ug/L			12/03/22 00:55	8
Carbon disulfide	ND		40	1.5	ug/L			12/03/22 00:55	8
Carbon tetrachloride	ND		40	2.2	ug/L			12/03/22 00:55	8
Chlorobenzene	ND		40	6.0	ug/L			12/03/22 00:55	8
Chloroethane	ND		80	2.6	ug/L			12/03/22 00:55	8
Chloroform	ND		40	2.7	ug/L			12/03/22 00:55	8
Chloromethane	ND		80	2.8	ug/L			12/03/22 00:55	8
cis-1,3-Dichloropropene	ND		40	2.9	ug/L			12/03/22 00:55	8
Dibromochloromethane	ND		40	2.6	ug/L			12/03/22 00:55	8
Ethylbenzene	ND		40	5.9	ug/L			12/03/22 00:55	8
Methylene Chloride	ND		40	3.5	ug/L			12/03/22 00:55	8
Styrene	ND		40	5.8	ug/L			12/03/22 00:55	8
Tetrachloroethene	ND		40	2.9	ug/L			12/03/22 00:55	8
Toluene	ND		40	4.1	ug/L			12/03/22 00:55	8
trans-1,3-Dichloropropene	ND		40	3.0	ug/L			12/03/22 00:55	8
Trichloroethene	150		40	3.7	ug/L			12/03/22 00:55	8
Vinyl acetate	ND		80	6.8	ug/L			12/03/22 00:55	8
Vinyl chloride	ND		80	7.2	ug/L			12/03/22 00:55	8
Xylenes, Total	ND		80	5.3	ug/L			12/03/22 00:55	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		12/03/22 00:55	8
4-Bromofluorobenzene (Surr)	94		73 - 120		12/03/22 00:55	8
Toluene-d8 (Surr)	95		80 - 120		12/03/22 00:55	8

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: RW-3

Lab Sample ID: 480-204316-11

Date Collected: 11/29/22 10:57

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/02/22 17:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 17:46	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 17:46	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 17:46	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 17:46	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 17:46	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 17:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 17:46	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 17:46	1
Acetone	ND		10	3.0	ug/L			12/02/22 17:46	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 17:46	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 17:46	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 17:46	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 17:46	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 17:46	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 17:46	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 17:46	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 17:46	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 17:46	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 17:46	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 17:46	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 17:46	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 17:46	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 17:46	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 17:46	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 17:46	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 17:46	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 17:46	1
Trichloroethene	ND		5.0	0.46	ug/L			12/02/22 17:46	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 17:46	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 17:46	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		12/02/22 17:46	1
4-Bromofluorobenzene (Surr)	100		73 - 120		12/02/22 17:46	1
Toluene-d8 (Surr)	100		80 - 120		12/02/22 17:46	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: TB

Lab Sample ID: 480-204316-12

Date Collected: 12/01/22 11:50

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/03/22 04:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/03/22 04:09	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/03/22 04:09	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/03/22 04:09	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/03/22 04:09	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/03/22 04:09	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/03/22 04:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/03/22 04:09	1
2-Hexanone	ND	*+	10	1.2	ug/L			12/03/22 04:09	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			12/03/22 04:09	1
Acetone	ND		10	3.0	ug/L			12/03/22 04:09	1
Benzene	ND		5.0	0.41	ug/L			12/03/22 04:09	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/03/22 04:09	1
Bromoform	ND		5.0	0.26	ug/L			12/03/22 04:09	1
Bromomethane	ND		10	0.69	ug/L			12/03/22 04:09	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/03/22 04:09	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/03/22 04:09	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/03/22 04:09	1
Chloroethane	ND		10	0.32	ug/L			12/03/22 04:09	1
Chloroform	ND		5.0	0.34	ug/L			12/03/22 04:09	1
Chloromethane	ND		10	0.35	ug/L			12/03/22 04:09	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/03/22 04:09	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/03/22 04:09	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/03/22 04:09	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/03/22 04:09	1
Styrene	ND		5.0	0.73	ug/L			12/03/22 04:09	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/03/22 04:09	1
Toluene	ND		5.0	0.51	ug/L			12/03/22 04:09	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/03/22 04:09	1
Trichloroethene	ND		5.0	0.46	ug/L			12/03/22 04:09	1
Vinyl acetate	ND		10	0.85	ug/L			12/03/22 04:09	1
Vinyl chloride	ND		10	0.90	ug/L			12/03/22 04:09	1
Xylenes, Total	ND		10	0.66	ug/L			12/03/22 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		12/03/22 04:09	1
4-Bromofluorobenzene (Surr)	88		73 - 120		12/03/22 04:09	1
Toluene-d8 (Surr)	95		80 - 120		12/03/22 04:09	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: DUP

Lab Sample ID: 480-204316-13

Date Collected: 11/29/22 13:20

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.2	J	5.0	0.82	ug/L			12/02/22 18:09	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 18:09	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 18:09	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 18:09	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 18:09	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 18:09	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 18:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 18:09	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 18:09	1
Acetone	ND		10	3.0	ug/L			12/02/22 18:09	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 18:09	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 18:09	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 18:09	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 18:09	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 18:09	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 18:09	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 18:09	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 18:09	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 18:09	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 18:09	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 18:09	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 18:09	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 18:09	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 18:09	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 18:09	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 18:09	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 18:09	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 18:09	1
Trichloroethene	42		5.0	0.46	ug/L			12/02/22 18:09	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 18:09	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 18:09	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		12/02/22 18:09	1
4-Bromofluorobenzene (Surr)	95		73 - 120		12/02/22 18:09	1
Toluene-d8 (Surr)	101		80 - 120		12/02/22 18:09	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-5

Lab Sample ID: 480-204316-14

Date Collected: 12/01/22 09:57

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	8.2	ug/L			12/03/22 04:31	10
1,1,2,2-Tetrachloroethane	ND		50	2.1	ug/L			12/03/22 04:31	10
1,1,2-Trichloroethane	ND		50	2.3	ug/L			12/03/22 04:31	10
1,1-Dichloroethene	ND		50	2.9	ug/L			12/03/22 04:31	10
1,2-Dichloroethane	ND		50	2.1	ug/L			12/03/22 04:31	10
1,2-Dichloroethene, Total	ND		100	8.1	ug/L			12/03/22 04:31	10
1,2-Dichloropropane	ND		50	7.2	ug/L			12/03/22 04:31	10
2-Butanone (MEK)	ND		100	13	ug/L			12/03/22 04:31	10
2-Hexanone	ND	*+ F1	100	12	ug/L			12/03/22 04:31	10
4-Methyl-2-pentanone (MIBK)	ND	*+ F1	100	21	ug/L			12/03/22 04:31	10
Acetone	ND		100	30	ug/L			12/03/22 04:31	10
Benzene	ND		50	4.1	ug/L			12/03/22 04:31	10
Bromodichloromethane	ND		50	3.9	ug/L			12/03/22 04:31	10
Bromoform	ND		50	2.6	ug/L			12/03/22 04:31	10
Bromomethane	ND		100	6.9	ug/L			12/03/22 04:31	10
Carbon disulfide	ND		50	1.9	ug/L			12/03/22 04:31	10
Carbon tetrachloride	ND		50	2.7	ug/L			12/03/22 04:31	10
Chlorobenzene	ND		50	7.5	ug/L			12/03/22 04:31	10
Chloroethane	ND		100	3.2	ug/L			12/03/22 04:31	10
Chloroform	ND		50	3.4	ug/L			12/03/22 04:31	10
Chloromethane	ND		100	3.5	ug/L			12/03/22 04:31	10
cis-1,3-Dichloropropene	ND		50	3.6	ug/L			12/03/22 04:31	10
Dibromochloromethane	ND		50	3.2	ug/L			12/03/22 04:31	10
Ethylbenzene	ND		50	7.4	ug/L			12/03/22 04:31	10
Methylene Chloride	ND		50	4.4	ug/L			12/03/22 04:31	10
Styrene	ND		50	7.3	ug/L			12/03/22 04:31	10
Tetrachloroethene	ND		50	3.6	ug/L			12/03/22 04:31	10
Toluene	ND		50	5.1	ug/L			12/03/22 04:31	10
trans-1,3-Dichloropropene	ND		50	3.7	ug/L			12/03/22 04:31	10
Trichloroethene	330		50	4.6	ug/L			12/03/22 04:31	10
Vinyl acetate	ND		100	8.5	ug/L			12/03/22 04:31	10
Vinyl chloride	ND		100	9.0	ug/L			12/03/22 04:31	10
Xylenes, Total	ND		100	6.6	ug/L			12/03/22 04:31	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		12/03/22 04:31	10
4-Bromofluorobenzene (Surr)	87		73 - 120		12/03/22 04:31	10
Toluene-d8 (Surr)	95		80 - 120		12/03/22 04:31	10

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-22

Lab Sample ID: 480-204316-15

Date Collected: 12/01/22 10:50

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	6.6	J	20	3.3	ug/L			12/03/22 04:53	4
1,1,2,2-Tetrachloroethane	ND		20	0.84	ug/L			12/03/22 04:53	4
1,1,2-Trichloroethane	ND		20	0.92	ug/L			12/03/22 04:53	4
1,1-Dichloroethene	ND		20	1.2	ug/L			12/03/22 04:53	4
1,2-Dichloroethane	ND		20	0.84	ug/L			12/03/22 04:53	4
1,2-Dichloroethene, Total	ND		40	3.2	ug/L			12/03/22 04:53	4
1,2-Dichloropropane	ND		20	2.9	ug/L			12/03/22 04:53	4
2-Butanone (MEK)	ND		40	5.3	ug/L			12/03/22 04:53	4
2-Hexanone	ND	*+	40	5.0	ug/L			12/03/22 04:53	4
4-Methyl-2-pentanone (MIBK)	ND	*+	40	8.4	ug/L			12/03/22 04:53	4
Acetone	ND		40	12	ug/L			12/03/22 04:53	4
Benzene	ND		20	1.6	ug/L			12/03/22 04:53	4
Bromodichloromethane	ND		20	1.6	ug/L			12/03/22 04:53	4
Bromoform	ND		20	1.0	ug/L			12/03/22 04:53	4
Bromomethane	ND		40	2.8	ug/L			12/03/22 04:53	4
Carbon disulfide	ND		20	0.76	ug/L			12/03/22 04:53	4
Carbon tetrachloride	ND		20	1.1	ug/L			12/03/22 04:53	4
Chlorobenzene	ND		20	3.0	ug/L			12/03/22 04:53	4
Chloroethane	ND		40	1.3	ug/L			12/03/22 04:53	4
Chloroform	ND		20	1.4	ug/L			12/03/22 04:53	4
Chloromethane	ND		40	1.4	ug/L			12/03/22 04:53	4
cis-1,3-Dichloropropene	ND		20	1.4	ug/L			12/03/22 04:53	4
Dibromochloromethane	ND		20	1.3	ug/L			12/03/22 04:53	4
Ethylbenzene	ND		20	3.0	ug/L			12/03/22 04:53	4
Methylene Chloride	ND		20	1.8	ug/L			12/03/22 04:53	4
Styrene	ND		20	2.9	ug/L			12/03/22 04:53	4
Tetrachloroethene	ND		20	1.4	ug/L			12/03/22 04:53	4
Toluene	ND		20	2.0	ug/L			12/03/22 04:53	4
trans-1,3-Dichloropropene	ND		20	1.5	ug/L			12/03/22 04:53	4
Trichloroethene	130		20	1.8	ug/L			12/03/22 04:53	4
Vinyl acetate	ND		40	3.4	ug/L			12/03/22 04:53	4
Vinyl chloride	ND		40	3.6	ug/L			12/03/22 04:53	4
Xylenes, Total	ND		40	2.6	ug/L			12/03/22 04:53	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/03/22 04:53	4
4-Bromofluorobenzene (Surr)	85		73 - 120		12/03/22 04:53	4
Toluene-d8 (Surr)	93		80 - 120		12/03/22 04:53	4

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-22D

Lab Sample ID: 480-204316-16

Date Collected: 12/01/22 10:12

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	13	J	20	3.3	ug/L			12/03/22 05:15	4
1,1,1,2-Tetrachloroethane	ND		20	0.84	ug/L			12/03/22 05:15	4
1,1,2-Trichloroethane	ND		20	0.92	ug/L			12/03/22 05:15	4
1,1-Dichloroethene	ND		20	1.2	ug/L			12/03/22 05:15	4
1,2-Dichloroethane	ND		20	0.84	ug/L			12/03/22 05:15	4
1,2-Dichloroethene, Total	ND		40	3.2	ug/L			12/03/22 05:15	4
1,2-Dichloropropane	ND		20	2.9	ug/L			12/03/22 05:15	4
2-Butanone (MEK)	ND		40	5.3	ug/L			12/03/22 05:15	4
2-Hexanone	ND	*+	40	5.0	ug/L			12/03/22 05:15	4
4-Methyl-2-pentanone (MIBK)	ND	*+	40	8.4	ug/L			12/03/22 05:15	4
Acetone	ND		40	12	ug/L			12/03/22 05:15	4
Benzene	ND		20	1.6	ug/L			12/03/22 05:15	4
Bromodichloromethane	ND		20	1.6	ug/L			12/03/22 05:15	4
Bromoform	ND		20	1.0	ug/L			12/03/22 05:15	4
Bromomethane	ND		40	2.8	ug/L			12/03/22 05:15	4
Carbon disulfide	ND		20	0.76	ug/L			12/03/22 05:15	4
Carbon tetrachloride	ND		20	1.1	ug/L			12/03/22 05:15	4
Chlorobenzene	ND		20	3.0	ug/L			12/03/22 05:15	4
Chloroethane	ND		40	1.3	ug/L			12/03/22 05:15	4
Chloroform	ND		20	1.4	ug/L			12/03/22 05:15	4
Chloromethane	ND		40	1.4	ug/L			12/03/22 05:15	4
cis-1,3-Dichloropropene	ND		20	1.4	ug/L			12/03/22 05:15	4
Dibromochloromethane	ND		20	1.3	ug/L			12/03/22 05:15	4
Ethylbenzene	ND		20	3.0	ug/L			12/03/22 05:15	4
Methylene Chloride	ND		20	1.8	ug/L			12/03/22 05:15	4
Styrene	ND		20	2.9	ug/L			12/03/22 05:15	4
Tetrachloroethene	ND		20	1.4	ug/L			12/03/22 05:15	4
Toluene	ND		20	2.0	ug/L			12/03/22 05:15	4
trans-1,3-Dichloropropene	ND		20	1.5	ug/L			12/03/22 05:15	4
Trichloroethene	350		20	1.8	ug/L			12/03/22 05:15	4
Vinyl acetate	ND		40	3.4	ug/L			12/03/22 05:15	4
Vinyl chloride	ND		40	3.6	ug/L			12/03/22 05:15	4
Xylenes, Total	ND		40	2.6	ug/L			12/03/22 05:15	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		12/03/22 05:15	4
4-Bromofluorobenzene (Surr)	85		73 - 120		12/03/22 05:15	4
Toluene-d8 (Surr)	93		80 - 120		12/03/22 05:15	4

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-20

Lab Sample ID: 480-204316-17

Date Collected: 11/29/22 14:43

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.9	J	5.0	0.82	ug/L			12/02/22 18:32	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 18:32	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 18:32	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 18:32	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 18:32	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 18:32	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 18:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 18:32	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 18:32	1
Acetone	ND		10	3.0	ug/L			12/02/22 18:32	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 18:32	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 18:32	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 18:32	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 18:32	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 18:32	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 18:32	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 18:32	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 18:32	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 18:32	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 18:32	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 18:32	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 18:32	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 18:32	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 18:32	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 18:32	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 18:32	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 18:32	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 18:32	1
Trichloroethene	9.6		5.0	0.46	ug/L			12/02/22 18:32	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 18:32	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 18:32	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		12/02/22 18:32	1
4-Bromofluorobenzene (Surr)	97		73 - 120		12/02/22 18:32	1
Toluene-d8 (Surr)	96		80 - 120		12/02/22 18:32	1

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: SW-1

Lab Sample ID: 480-204316-18

Date Collected: 12/01/22 11:40

Matrix: Water

Date Received: 12/01/22 13:36

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/03/22 05:37	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/03/22 05:37	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/03/22 05:37	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/03/22 05:37	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/03/22 05:37	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/03/22 05:37	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/03/22 05:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/03/22 05:37	1
2-Hexanone	ND	*+	10	1.2	ug/L			12/03/22 05:37	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			12/03/22 05:37	1
Acetone	ND		10	3.0	ug/L			12/03/22 05:37	1
Benzene	ND		5.0	0.41	ug/L			12/03/22 05:37	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/03/22 05:37	1
Bromoform	ND		5.0	0.26	ug/L			12/03/22 05:37	1
Bromomethane	ND		10	0.69	ug/L			12/03/22 05:37	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/03/22 05:37	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/03/22 05:37	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/03/22 05:37	1
Chloroethane	ND		10	0.32	ug/L			12/03/22 05:37	1
Chloroform	ND		5.0	0.34	ug/L			12/03/22 05:37	1
Chloromethane	ND		10	0.35	ug/L			12/03/22 05:37	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/03/22 05:37	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/03/22 05:37	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/03/22 05:37	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/03/22 05:37	1
Styrene	ND		5.0	0.73	ug/L			12/03/22 05:37	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/03/22 05:37	1
Toluene	ND		5.0	0.51	ug/L			12/03/22 05:37	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/03/22 05:37	1
Trichloroethene	ND		5.0	0.46	ug/L			12/03/22 05:37	1
Vinyl acetate	ND		10	0.85	ug/L			12/03/22 05:37	1
Vinyl chloride	ND		10	0.90	ug/L			12/03/22 05:37	1
Xylenes, Total	ND		10	0.66	ug/L			12/03/22 05:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		12/03/22 05:37	1
4-Bromofluorobenzene (Surr)	85		73 - 120		12/03/22 05:37	1
Toluene-d8 (Surr)	95		80 - 120		12/03/22 05:37	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: SD-1

Lab Sample ID: 480-204316-19

Date Collected: 12/01/22 11:40

Matrix: Solid

Date Received: 12/01/22 13:36

Percent Solids: 35.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	14	1.0	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
1,1,1,2-Tetrachloroethane	ND	vs	14	2.3	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
1,1,2-Trichloroethane	ND	vs	14	1.8	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
1,1-Dichloroethene	ND	vs	14	1.7	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
1,2-Dichloroethane	ND	vs	14	0.70	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
1,2-Dichloroethene, Total	ND	vs	28	7.3	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
1,2-Dichloropropane	ND	vs	14	7.0	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
2-Butanone (MEK)	9.4	J vs	70	5.1	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
2-Hexanone	ND	vs	70	7.0	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
4-Methyl-2-pentanone (MIBK)	ND	vs	70	4.6	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Acetone	44	J vs	70	12	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Benzene	ND	vs	14	0.69	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Bromodichloromethane	ND	vs	14	1.9	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Bromoform	ND	vs	14	7.0	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Bromomethane	ND	vs	14	1.3	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Carbon disulfide	ND	vs	14	7.0	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Carbon tetrachloride	ND	vs	14	1.4	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Chlorobenzene	ND	vs	14	1.8	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Chloroethane	ND	vs	14	3.2	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Chloroform	ND	vs	14	0.86	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Chloromethane	ND	vs	14	0.84	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
cis-1,3-Dichloropropene	ND	vs	14	2.0	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Dibromochloromethane	ND	vs	14	1.8	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Ethylbenzene	1.2	J vs	14	0.96	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Methylene Chloride	ND	vs	14	6.4	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Styrene	ND	vs	14	0.70	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Tetrachloroethene	ND	vs	14	1.9	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Toluene	25	vs	14	1.1	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
trans-1,3-Dichloropropene	ND	vs	14	6.2	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Trichloroethene	ND	vs	14	3.1	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Vinyl acetate	ND	vs	28	7.0	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Vinyl chloride	ND	vs	14	1.7	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1
Xylenes, Total	ND	vs	28	2.3	ug/Kg	✱	12/05/22 14:28	12/06/22 00:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	12/05/22 14:28	12/06/22 00:25	1
4-Bromofluorobenzene (Surr)	95		72 - 126	12/05/22 14:28	12/06/22 00:25	1
Toluene-d8 (Surr)	108		71 - 125	12/05/22 14:28	12/06/22 00:25	1

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Surrogate Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (64-126)	BFB (72-126)	TOL (71-125)
480-204316-19	SD-1	102	95	108
LCS 480-652138/1-A	Lab Control Sample	101	105	105
MB 480-652138/2-A	Method Blank	107	107	103
Surrogate Legend				
DCA = 1,2-Dichloroethane-d4 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
480-204316-1	GW-3	106	97	97
480-204316-1 - DL	GW-3	108	96	98
480-204316-2	GW-5D	102	97	97
480-204316-3	GW-6	106	95	97
480-204316-4	GW-7	98	95	95
480-204316-5	GW-9	104	97	98
480-204316-6	GW-10	104	93	98
480-204316-7	GW-16	99	90	94
480-204316-8	GW-16D	105	94	97
480-204316-9	GW-21	106	91	94
480-204316-10	GW-23D	99	94	95
480-204316-10 MS	GW-23D	99	101	99
480-204316-10 MSD	GW-23D	106	99	97
480-204316-11	RW-3	115	100	100
480-204316-12	TB	110	88	95
480-204316-13	DUP	115	95	101
480-204316-14	GW-5	107	87	95
480-204316-14 MS	GW-5	106	86	99
480-204316-14 MSD	GW-5	104	86	97
480-204316-15	GW-22	109	85	93
480-204316-16	GW-22D	108	85	93
480-204316-17	GW-20	111	97	96
480-204316-18	SW-1	109	85	95
LCS 480-651895/5	Lab Control Sample	113	100	102
LCS 480-651946/6	Lab Control Sample	104	86	98
LCS 480-651956/6	Lab Control Sample	102	103	99
LCS 480-652126/6	Lab Control Sample	101	100	96
MB 480-651895/7	Method Blank	108	99	100
MB 480-651946/8	Method Blank	108	88	94
MB 480-651956/8	Method Blank	99	96	96
MB 480-652126/8	Method Blank	102	96	98
Surrogate Legend				
DCA = 1,2-Dichloroethane-d4 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				
TOL = Toluene-d8 (Surr)				

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-651895/7

Matrix: Water

Analysis Batch: 651895

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/02/22 10:39	1
1,1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 10:39	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 10:39	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 10:39	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 10:39	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 10:39	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 10:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 10:39	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 10:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 10:39	1
Acetone	ND		10	3.0	ug/L			12/02/22 10:39	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 10:39	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 10:39	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 10:39	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 10:39	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 10:39	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 10:39	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 10:39	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 10:39	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 10:39	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 10:39	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 10:39	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 10:39	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 10:39	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 10:39	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 10:39	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 10:39	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 10:39	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 10:39	1
Trichloroethene	ND		5.0	0.46	ug/L			12/02/22 10:39	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 10:39	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 10:39	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 10:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		12/02/22 10:39	1
4-Bromofluorobenzene (Surr)	99		73 - 120		12/02/22 10:39	1
Toluene-d8 (Surr)	100		80 - 120		12/02/22 10:39	1

Lab Sample ID: LCS 480-651895/5

Matrix: Water

Analysis Batch: 651895

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.8		ug/L		107	73 - 126
1,1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	76 - 122
1,1-Dichloroethene	25.0	25.4		ug/L		102	66 - 127

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-651895/5

Matrix: Water

Analysis Batch: 651895

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	25.0	26.9		ug/L		108	75 - 120
1,2-Dichloropropane	25.0	24.3		ug/L		97	76 - 120
2-Butanone (MEK)	125	116		ug/L		93	57 - 140
2-Hexanone	125	127		ug/L		101	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	125		ug/L		100	56 - 142
Benzene	25.0	23.9		ug/L		96	71 - 124
Bromodichloromethane	25.0	27.2		ug/L		109	80 - 122
Bromoform	25.0	24.8		ug/L		99	61 - 132
Bromomethane	25.0	31.5		ug/L		126	55 - 144
Carbon disulfide	25.0	21.9		ug/L		88	59 - 134
Carbon tetrachloride	25.0	28.6		ug/L		114	72 - 134
Chlorobenzene	25.0	25.4		ug/L		101	80 - 120
Chloroethane	25.0	29.8		ug/L		119	69 - 136
Chloroform	25.0	24.8		ug/L		99	73 - 127
Chloromethane	25.0	27.1		ug/L		108	68 - 124
cis-1,3-Dichloropropene	25.0	26.0		ug/L		104	74 - 124
Dibromochloromethane	25.0	24.8		ug/L		99	75 - 125
Ethylbenzene	25.0	25.9		ug/L		103	77 - 123
Methylene Chloride	25.0	26.0		ug/L		104	75 - 124
Styrene	25.0	25.3		ug/L		101	80 - 120
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,3-Dichloropropene	25.0	28.7		ug/L		115	80 - 120
Trichloroethene	25.0	26.4		ug/L		106	74 - 123
Vinyl acetate	50.0	62.1		ug/L		124	50 - 144
Vinyl chloride	25.0	23.1		ug/L		92	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: MB 480-651946/8

Matrix: Water

Analysis Batch: 651946

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/02/22 22:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 22:19	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 22:19	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 22:19	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 22:19	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 22:19	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 22:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 22:19	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 22:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 22:19	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-651946/8

Matrix: Water

Analysis Batch: 651946

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			12/02/22 22:19	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 22:19	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 22:19	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 22:19	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 22:19	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 22:19	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 22:19	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 22:19	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 22:19	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 22:19	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 22:19	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 22:19	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 22:19	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 22:19	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 22:19	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 22:19	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 22:19	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 22:19	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 22:19	1
Trichloroethene	ND		5.0	0.46	ug/L			12/02/22 22:19	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 22:19	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 22:19	1
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 22:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		12/02/22 22:19	1
4-Bromofluorobenzene (Surr)	88		73 - 120		12/02/22 22:19	1
Toluene-d8 (Surr)	94		80 - 120		12/02/22 22:19	1

Lab Sample ID: LCS 480-651946/6

Matrix: Water

Analysis Batch: 651946

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.3		ug/L		93	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.7		ug/L		111	76 - 120
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122
1,1-Dichloroethene	25.0	19.6		ug/L		78	66 - 127
1,2-Dichloroethane	25.0	23.7		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	22.8		ug/L		91	76 - 120
2-Butanone (MEK)	125	142		ug/L		113	57 - 140
2-Hexanone	125	162	*+	ug/L		129	65 - 127
4-Methyl-2-pentanone (MIBK)	125	159	*+	ug/L		128	71 - 125
Acetone	125	138		ug/L		110	56 - 142
Benzene	25.0	21.3		ug/L		85	71 - 124
Bromodichloromethane	25.0	24.0		ug/L		96	80 - 122
Bromoform	25.0	23.3		ug/L		93	61 - 132
Bromomethane	25.0	22.0		ug/L		88	55 - 144

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-651946/6

Matrix: Water

Analysis Batch: 651946

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	25.0	19.5		ug/L		78	59 - 134
Carbon tetrachloride	25.0	23.3		ug/L		93	72 - 134
Chlorobenzene	25.0	21.8		ug/L		87	80 - 120
Chloroethane	25.0	21.3		ug/L		85	69 - 136
Chloroform	25.0	22.4		ug/L		90	73 - 127
Chloromethane	25.0	24.8		ug/L		99	68 - 124
cis-1,3-Dichloropropene	25.0	22.6		ug/L		90	74 - 124
Dibromochloromethane	25.0	24.7		ug/L		99	75 - 125
Ethylbenzene	25.0	22.5		ug/L		90	77 - 123
Methylene Chloride	25.0	22.4		ug/L		90	75 - 124
Styrene	25.0	23.1		ug/L		92	80 - 120
Tetrachloroethene	25.0	21.2		ug/L		85	74 - 122
Toluene	25.0	22.1		ug/L		89	80 - 122
trans-1,3-Dichloropropene	25.0	24.7		ug/L		99	80 - 120
Trichloroethene	25.0	21.7		ug/L		87	74 - 123
Vinyl acetate	50.0	54.9		ug/L		110	50 - 144
Vinyl chloride	25.0	22.2		ug/L		89	65 - 133

Surrogate	%Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	86		73 - 120
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: 480-204316-14 MS

Matrix: Water

Analysis Batch: 651946

Client Sample ID: GW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		250	263		ug/L		105	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	289		ug/L		116	76 - 120
1,1,2-Trichloroethane	ND		250	256		ug/L		102	76 - 122
1,1-Dichloroethene	ND		250	224		ug/L		90	66 - 127
1,2-Dichloroethane	ND		250	265		ug/L		106	75 - 120
1,2-Dichloropropane	ND		250	247		ug/L		99	76 - 120
2-Butanone (MEK)	ND		1250	1480		ug/L		118	57 - 140
2-Hexanone	ND	*+ F1	1250	1720	F1	ug/L		138	65 - 127
4-Methyl-2-pentanone (MIBK)	ND	*+ F1	1250	1720	F1	ug/L		137	71 - 125
Acetone	ND		1250	1330		ug/L		106	56 - 142
Benzene	ND		250	234		ug/L		94	71 - 124
Bromodichloromethane	ND		250	258		ug/L		103	80 - 122
Bromoform	ND		250	244		ug/L		97	61 - 132
Bromomethane	ND		250	246		ug/L		98	55 - 144
Carbon disulfide	ND		250	209		ug/L		84	59 - 134
Carbon tetrachloride	ND		250	261		ug/L		104	72 - 134
Chlorobenzene	ND		250	240		ug/L		96	80 - 120
Chloroethane	ND		250	238		ug/L		95	69 - 136
Chloroform	ND		250	249		ug/L		100	73 - 127
Chloromethane	ND		250	284		ug/L		114	68 - 124

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-204316-14 MS

Matrix: Water

Analysis Batch: 651946

Client Sample ID: GW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,3-Dichloropropene	ND		250	228		ug/L		91	74 - 124
Dibromochloromethane	ND		250	263		ug/L		105	75 - 125
Ethylbenzene	ND		250	244		ug/L		98	77 - 123
Methylene Chloride	ND		250	245		ug/L		98	75 - 124
Styrene	ND		250	245		ug/L		98	80 - 120
Tetrachloroethene	ND		250	231		ug/L		92	74 - 122
Toluene	ND		250	242		ug/L		97	80 - 122
trans-1,3-Dichloropropene	ND		250	249		ug/L		100	80 - 120
Trichloroethene	330		250	551		ug/L		87	74 - 123
Vinyl acetate	ND		500	623		ug/L		125	50 - 144
Vinyl chloride	ND		250	245		ug/L		98	65 - 133
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
1,2-Dichloroethane-d4 (Surr)	106		77 - 120						
4-Bromofluorobenzene (Surr)	86		73 - 120						
Toluene-d8 (Surr)	99		80 - 120						

Lab Sample ID: 480-204316-14 MSD

Matrix: Water

Analysis Batch: 651946

Client Sample ID: GW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	247		ug/L		99	73 - 126	7	15
1,1,2,2-Tetrachloroethane	ND		250	285		ug/L		114	76 - 120	2	15
1,1,2-Trichloroethane	ND		250	253		ug/L		101	76 - 122	1	15
1,1-Dichloroethene	ND		250	207		ug/L		83	66 - 127	8	16
1,2-Dichloroethane	ND		250	253		ug/L		101	75 - 120	4	20
1,2-Dichloropropane	ND		250	239		ug/L		96	76 - 120	3	20
2-Butanone (MEK)	ND		1250	1450		ug/L		116	57 - 140	2	20
2-Hexanone	ND	*+ F1	1250	1700	F1	ug/L		136	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND	*+ F1	1250	1670	F1	ug/L		133	71 - 125	3	35
Acetone	ND		1250	1310		ug/L		105	56 - 142	1	15
Benzene	ND		250	221		ug/L		89	71 - 124	5	13
Bromodichloromethane	ND		250	252		ug/L		101	80 - 122	2	15
Bromoform	ND		250	243		ug/L		97	61 - 132	0	15
Bromomethane	ND		250	224		ug/L		90	55 - 144	9	15
Carbon disulfide	ND		250	196		ug/L		78	59 - 134	7	15
Carbon tetrachloride	ND		250	241		ug/L		96	72 - 134	8	15
Chlorobenzene	ND		250	230		ug/L		92	80 - 120	4	25
Chloroethane	ND		250	223		ug/L		89	69 - 136	6	15
Chloroform	ND		250	235		ug/L		94	73 - 127	6	20
Chloromethane	ND		250	264		ug/L		106	68 - 124	7	15
cis-1,3-Dichloropropene	ND		250	220		ug/L		88	74 - 124	3	15
Dibromochloromethane	ND		250	259		ug/L		103	75 - 125	2	15
Ethylbenzene	ND		250	235		ug/L		94	77 - 123	4	15
Methylene Chloride	ND		250	233		ug/L		93	75 - 124	5	15
Styrene	ND		250	240		ug/L		96	80 - 120	2	20
Tetrachloroethene	ND		250	216		ug/L		86	74 - 122	7	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-204316-14 MSD

Matrix: Water

Analysis Batch: 651946

Client Sample ID: GW-5

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	ND		250	228		ug/L		91	80 - 122	6	15
trans-1,3-Dichloropropene	ND		250	246		ug/L		98	80 - 120	1	15
Trichloroethene	330		250	527		ug/L		77	74 - 123	5	16
Vinyl acetate	ND		500	603		ug/L		121	50 - 144	3	23
Vinyl chloride	ND		250	236		ug/L		95	65 - 133	4	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	86		73 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: MB 480-651956/8

Matrix: Water

Analysis Batch: 651956

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/02/22 16:38	1
1,1,1,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/02/22 16:38	1
1,1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/02/22 16:38	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/02/22 16:38	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/02/22 16:38	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/02/22 16:38	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/02/22 16:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/22 16:38	1
2-Hexanone	ND		10	1.2	ug/L			12/02/22 16:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/02/22 16:38	1
Acetone	ND		10	3.0	ug/L			12/02/22 16:38	1
Benzene	ND		5.0	0.41	ug/L			12/02/22 16:38	1
Bromodichloromethane	ND		5.0	0.39	ug/L			12/02/22 16:38	1
Bromoform	ND		5.0	0.26	ug/L			12/02/22 16:38	1
Bromomethane	ND		10	0.69	ug/L			12/02/22 16:38	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/22 16:38	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/02/22 16:38	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/02/22 16:38	1
Chloroethane	ND		10	0.32	ug/L			12/02/22 16:38	1
Chloroform	ND		5.0	0.34	ug/L			12/02/22 16:38	1
Chloromethane	ND		10	0.35	ug/L			12/02/22 16:38	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/02/22 16:38	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/02/22 16:38	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/02/22 16:38	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/02/22 16:38	1
Styrene	ND		5.0	0.73	ug/L			12/02/22 16:38	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/02/22 16:38	1
Toluene	ND		5.0	0.51	ug/L			12/02/22 16:38	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/02/22 16:38	1
Trichloroethene	ND		5.0	0.46	ug/L			12/02/22 16:38	1
Vinyl acetate	ND		10	0.85	ug/L			12/02/22 16:38	1
Vinyl chloride	ND		10	0.90	ug/L			12/02/22 16:38	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-651956/8

Matrix: Water

Analysis Batch: 651956

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10	0.66	ug/L			12/02/22 16:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					12/02/22 16:38	1
4-Bromofluorobenzene (Surr)	96		73 - 120					12/02/22 16:38	1
Toluene-d8 (Surr)	96		80 - 120					12/02/22 16:38	1

Lab Sample ID: LCS 480-651956/6

Matrix: Water

Analysis Batch: 651956

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.1		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.7		ug/L		95	76 - 120
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethene	25.0	29.3		ug/L		117	66 - 127
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	24.5		ug/L		98	76 - 120
2-Butanone (MEK)	125	135		ug/L		108	57 - 140
2-Hexanone	125	129		ug/L		103	65 - 127
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		99	71 - 125
Acetone	125	159		ug/L		127	56 - 142
Benzene	25.0	25.3		ug/L		101	71 - 124
Bromodichloromethane	25.0	26.0		ug/L		104	80 - 122
Bromoform	25.0	26.7		ug/L		107	61 - 132
Bromomethane	25.0	25.0		ug/L		100	55 - 144
Carbon disulfide	25.0	26.1		ug/L		104	59 - 134
Carbon tetrachloride	25.0	25.2		ug/L		101	72 - 134
Chlorobenzene	25.0	24.8		ug/L		99	80 - 120
Chloroethane	25.0	26.0		ug/L		104	69 - 136
Chloroform	25.0	24.2		ug/L		97	73 - 127
Chloromethane	25.0	30.8		ug/L		123	68 - 124
cis-1,3-Dichloropropene	25.0	26.2		ug/L		105	74 - 124
Dibromochloromethane	25.0	26.8		ug/L		107	75 - 125
Ethylbenzene	25.0	26.0		ug/L		104	77 - 123
Methylene Chloride	25.0	24.2		ug/L		97	75 - 124
Styrene	25.0	26.7		ug/L		107	80 - 120
Tetrachloroethene	25.0	26.6		ug/L		107	74 - 122
Toluene	25.0	24.7		ug/L		99	80 - 122
trans-1,3-Dichloropropene	25.0	26.8		ug/L		107	80 - 120
Trichloroethene	25.0	25.9		ug/L		104	74 - 123
Vinyl acetate	50.0	53.8		ug/L		108	50 - 144
Vinyl chloride	25.0	25.6		ug/L		102	65 - 133
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	102		77 - 120				
4-Bromofluorobenzene (Surr)	103		73 - 120				
Toluene-d8 (Surr)	99		80 - 120				

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: 480-204316-10 MS

Matrix: Water

Analysis Batch: 651956

Client Sample ID: GW-23D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		200	216		ug/L		108	73 - 126
1,1,2,2-Tetrachloroethane	ND		200	199		ug/L		99	76 - 120
1,1,2-Trichloroethane	ND		200	202		ug/L		101	76 - 122
1,1-Dichloroethene	ND	F1	200	230		ug/L		115	66 - 127
1,2-Dichloroethane	ND		200	208		ug/L		104	75 - 120
1,2-Dichloropropane	ND		200	195		ug/L		98	76 - 120
2-Butanone (MEK)	ND		1000	971		ug/L		97	57 - 140
2-Hexanone	ND		1000	1010		ug/L		101	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1000	983		ug/L		98	71 - 125
Acetone	ND		1000	1040		ug/L		104	56 - 142
Benzene	ND		200	204		ug/L		102	71 - 124
Bromodichloromethane	ND		200	208		ug/L		104	80 - 122
Bromoform	ND		200	187		ug/L		93	61 - 132
Bromomethane	ND		200	206		ug/L		103	55 - 144
Carbon disulfide	ND		200	213		ug/L		106	59 - 134
Carbon tetrachloride	ND		200	205		ug/L		103	72 - 134
Chlorobenzene	ND		200	208		ug/L		104	80 - 120
Chloroethane	ND		200	214		ug/L		107	69 - 136
Chloroform	ND		200	199		ug/L		99	73 - 127
Chloromethane	ND		200	192		ug/L		96	68 - 124
cis-1,3-Dichloropropene	ND		200	189		ug/L		95	74 - 124
Dibromochloromethane	ND		200	204		ug/L		102	75 - 125
Ethylbenzene	ND		200	218		ug/L		109	77 - 123
Methylene Chloride	ND		200	197		ug/L		98	75 - 124
Styrene	ND		200	219		ug/L		109	80 - 120
Tetrachloroethene	ND		200	228		ug/L		114	74 - 122
Toluene	ND		200	209		ug/L		104	80 - 122
trans-1,3-Dichloropropene	ND		200	205		ug/L		102	80 - 120
Trichloroethene	150		200	331		ug/L		92	74 - 123
Vinyl acetate	ND		400	411		ug/L		103	50 - 144
Vinyl chloride	ND		200	206		ug/L		103	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: 480-204316-10 MSD

Matrix: Water

Analysis Batch: 651956

Client Sample ID: GW-23D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1,1,1-Trichloroethane	ND		200	230		ug/L		115	73 - 126	6	15
1,1,2,2-Tetrachloroethane	ND		200	197		ug/L		98	76 - 120	1	15
1,1,2-Trichloroethane	ND		200	205		ug/L		102	76 - 122	1	15
1,1-Dichloroethene	ND	F1	200	265	F1	ug/L		132	66 - 127	14	16
1,2-Dichloroethane	ND		200	218		ug/L		109	75 - 120	5	20
1,2-Dichloropropane	ND		200	207		ug/L		104	76 - 120	6	20

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-204316-10 MSD

Matrix: Water

Analysis Batch: 651956

Client Sample ID: GW-23D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		1000	1050		ug/L		105	57 - 140	7	20
2-Hexanone	ND		1000	999		ug/L		100	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		1000	991		ug/L		99	71 - 125	1	35
Acetone	ND		1000	1140		ug/L		114	56 - 142	9	15
Benzene	ND		200	217		ug/L		109	71 - 124	6	13
Bromodichloromethane	ND		200	217		ug/L		108	80 - 122	4	15
Bromoform	ND		200	199		ug/L		99	61 - 132	6	15
Bromomethane	ND		200	217		ug/L		109	55 - 144	5	15
Carbon disulfide	ND		200	223		ug/L		112	59 - 134	5	15
Carbon tetrachloride	ND		200	223		ug/L		111	72 - 134	8	15
Chlorobenzene	ND		200	208		ug/L		104	80 - 120	0	25
Chloroethane	ND		200	228		ug/L		114	69 - 136	6	15
Chloroform	ND		200	210		ug/L		105	73 - 127	6	20
Chloromethane	ND		200	202		ug/L		101	68 - 124	5	15
cis-1,3-Dichloropropene	ND		200	200		ug/L		100	74 - 124	6	15
Dibromochloromethane	ND		200	204		ug/L		102	75 - 125	0	15
Ethylbenzene	ND		200	219		ug/L		109	77 - 123	0	15
Methylene Chloride	ND		200	212		ug/L		106	75 - 124	8	15
Styrene	ND		200	215		ug/L		107	80 - 120	2	20
Tetrachloroethene	ND		200	217		ug/L		108	74 - 122	5	20
Toluene	ND		200	208		ug/L		104	80 - 122	0	15
trans-1,3-Dichloropropene	ND		200	204		ug/L		102	80 - 120	0	15
Trichloroethene	150		200	351		ug/L		102	74 - 123	6	16
Vinyl acetate	ND		400	443		ug/L		111	50 - 144	7	23
Vinyl chloride	ND		200	223		ug/L		111	65 - 133	8	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: MB 480-652126/8

Matrix: Water

Analysis Batch: 652126

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			12/05/22 15:24	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			12/05/22 15:24	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			12/05/22 15:24	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			12/05/22 15:24	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			12/05/22 15:24	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			12/05/22 15:24	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			12/05/22 15:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/05/22 15:24	1
2-Hexanone	ND		10	1.2	ug/L			12/05/22 15:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/05/22 15:24	1
Acetone	ND		10	3.0	ug/L			12/05/22 15:24	1
Benzene	ND		5.0	0.41	ug/L			12/05/22 15:24	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-652126/8

Matrix: Water

Analysis Batch: 652126

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		5.0	0.39	ug/L			12/05/22 15:24	1
Bromoform	ND		5.0	0.26	ug/L			12/05/22 15:24	1
Bromomethane	ND		10	0.69	ug/L			12/05/22 15:24	1
Carbon disulfide	ND		5.0	0.19	ug/L			12/05/22 15:24	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			12/05/22 15:24	1
Chlorobenzene	ND		5.0	0.75	ug/L			12/05/22 15:24	1
Chloroethane	ND		10	0.32	ug/L			12/05/22 15:24	1
Chloroform	ND		5.0	0.34	ug/L			12/05/22 15:24	1
Chloromethane	ND		10	0.35	ug/L			12/05/22 15:24	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			12/05/22 15:24	1
Dibromochloromethane	ND		5.0	0.32	ug/L			12/05/22 15:24	1
Ethylbenzene	ND		5.0	0.74	ug/L			12/05/22 15:24	1
Methylene Chloride	ND		5.0	0.44	ug/L			12/05/22 15:24	1
Styrene	ND		5.0	0.73	ug/L			12/05/22 15:24	1
Tetrachloroethene	ND		5.0	0.36	ug/L			12/05/22 15:24	1
Toluene	ND		5.0	0.51	ug/L			12/05/22 15:24	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			12/05/22 15:24	1
Trichloroethene	ND		5.0	0.46	ug/L			12/05/22 15:24	1
Vinyl acetate	ND		10	0.85	ug/L			12/05/22 15:24	1
Vinyl chloride	ND		10	0.90	ug/L			12/05/22 15:24	1
Xylenes, Total	ND		10	0.66	ug/L			12/05/22 15:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		12/05/22 15:24	1
4-Bromofluorobenzene (Surr)	96		73 - 120		12/05/22 15:24	1
Toluene-d8 (Surr)	98		80 - 120		12/05/22 15:24	1

Lab Sample ID: LCS 480-652126/6

Matrix: Water

Analysis Batch: 652126

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	27.3		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	76 - 120
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1-Dichloroethene	25.0	30.8		ug/L		123	66 - 127
1,2-Dichloroethane	25.0	25.4		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	23.6		ug/L		94	76 - 120
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
2-Hexanone	125	117		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	125	115		ug/L		92	71 - 125
Acetone	125	148		ug/L		119	56 - 142
Benzene	25.0	24.5		ug/L		98	71 - 124
Bromodichloromethane	25.0	25.9		ug/L		103	80 - 122
Bromoform	25.0	26.9		ug/L		108	61 - 132
Bromomethane	25.0	25.8		ug/L		103	55 - 144
Carbon disulfide	25.0	26.3		ug/L		105	59 - 134
Carbon tetrachloride	25.0	27.7		ug/L		111	72 - 134

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-652126/6

Matrix: Water

Analysis Batch: 652126

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	25.0	23.4		ug/L		94	80 - 120
Chloroethane	25.0	25.4		ug/L		102	69 - 136
Chloroform	25.0	24.1		ug/L		96	73 - 127
Chloromethane	25.0	30.8		ug/L		123	68 - 124
cis-1,3-Dichloropropene	25.0	25.4		ug/L		102	74 - 124
Dibromochloromethane	25.0	26.3		ug/L		105	75 - 125
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
Methylene Chloride	25.0	24.1		ug/L		96	75 - 124
Styrene	25.0	25.0		ug/L		100	80 - 120
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122
Toluene	25.0	23.5		ug/L		94	80 - 122
trans-1,3-Dichloropropene	25.0	26.0		ug/L		104	80 - 120
Trichloroethene	25.0	25.1		ug/L		100	74 - 123
Vinyl acetate	50.0	51.6		ug/L		103	50 - 144
Vinyl chloride	25.0	25.1		ug/L		101	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	100		73 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: MB 480-652138/2-A

Matrix: Solid

Analysis Batch: 652140

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 652138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
1,2-Dichloroethene, Total	ND		10	2.6	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
2-Hexanone	ND		25	2.5	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Acetone	ND		25	4.2	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Benzene	ND		5.0	0.25	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Bromoform	ND		5.0	2.5	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Bromomethane	ND		5.0	0.45	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Chloroethane	ND		5.0	1.1	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Chloroform	0.391	J	5.0	0.31	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Chloromethane	ND		5.0	0.30	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		12/05/22 14:28	12/05/22 18:54	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-652138/2-A

Matrix: Solid

Analysis Batch: 652140

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 652138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		5.0	0.64	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Styrene	ND		5.0	0.25	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Toluene	ND		5.0	0.38	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Trichloroethene	ND		5.0	1.1	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Vinyl acetate	ND		10	2.5	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		12/05/22 14:28	12/05/22 18:54	1
Xylenes, Total	ND		10	0.84	ug/Kg		12/05/22 14:28	12/05/22 18:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		64 - 126	12/05/22 14:28	12/05/22 18:54	1
4-Bromofluorobenzene (Surr)	107		72 - 126	12/05/22 14:28	12/05/22 18:54	1
Toluene-d8 (Surr)	103		71 - 125	12/05/22 14:28	12/05/22 18:54	1

Lab Sample ID: LCS 480-652138/1-A

Matrix: Solid

Analysis Batch: 652140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 652138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	43.9		ug/Kg		88	77 - 121
1,1,1,2-Tetrachloroethane	50.0	48.3		ug/Kg		97	80 - 120
1,1,2-Trichloroethane	50.0	53.8		ug/Kg		108	78 - 122
1,1-Dichloroethene	50.0	47.4		ug/Kg		95	59 - 125
1,2-Dichloroethane	50.0	50.3		ug/Kg		101	77 - 122
1,2-Dichloropropane	50.0	45.5		ug/Kg		91	75 - 124
2-Butanone (MEK)	250	217		ug/Kg		87	70 - 134
2-Hexanone	250	239		ug/Kg		96	59 - 130
4-Methyl-2-pentanone (MIBK)	250	237		ug/Kg		95	65 - 133
Acetone	250	220		ug/Kg		88	61 - 137
Benzene	50.0	47.5		ug/Kg		95	79 - 127
Bromodichloromethane	50.0	50.0		ug/Kg		100	80 - 122
Bromoform	50.0	51.2		ug/Kg		102	68 - 126
Bromomethane	50.0	57.6		ug/Kg		115	37 - 149
Carbon disulfide	50.0	46.8		ug/Kg		94	64 - 131
Carbon tetrachloride	50.0	41.9		ug/Kg		84	75 - 135
Chlorobenzene	50.0	51.6		ug/Kg		103	76 - 124
Chloroethane	50.0	50.2		ug/Kg		100	69 - 135
Chloroform	50.0	48.0		ug/Kg		96	80 - 120
Chloromethane	50.0	36.8		ug/Kg		74	63 - 127
cis-1,3-Dichloropropene	50.0	45.4		ug/Kg		91	80 - 120
Dibromochloromethane	50.0	51.9		ug/Kg		104	76 - 125
Ethylbenzene	50.0	50.9		ug/Kg		102	80 - 120
Methylene Chloride	50.0	50.1		ug/Kg		100	61 - 127
Styrene	50.0	48.8		ug/Kg		98	80 - 120
Tetrachloroethene	50.0	51.8		ug/Kg		104	74 - 122

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-652138/1-A

Matrix: Solid

Analysis Batch: 652140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 652138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	50.0	49.9		ug/Kg		100	74 - 128
trans-1,3-Dichloropropene	50.0	44.5		ug/Kg		89	73 - 123
Trichloroethene	50.0	47.7		ug/Kg		95	77 - 129
Vinyl acetate	100	77.0		ug/Kg		77	53 - 134
Vinyl chloride	50.0	43.7		ug/Kg		87	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		64 - 126
4-Bromofluorobenzene (Surr)	105		72 - 126
Toluene-d8 (Surr)	105		71 - 125

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

GC/MS VOA

Analysis Batch: 651895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204316-11	RW-3	Total/NA	Water	8260C	
480-204316-13	DUP	Total/NA	Water	8260C	
480-204316-17	GW-20	Total/NA	Water	8260C	
MB 480-651895/7	Method Blank	Total/NA	Water	8260C	
LCS 480-651895/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 651946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204316-12	TB	Total/NA	Water	8260C	
480-204316-14	GW-5	Total/NA	Water	8260C	
480-204316-15	GW-22	Total/NA	Water	8260C	
480-204316-16	GW-22D	Total/NA	Water	8260C	
480-204316-18	SW-1	Total/NA	Water	8260C	
MB 480-651946/8	Method Blank	Total/NA	Water	8260C	
LCS 480-651946/6	Lab Control Sample	Total/NA	Water	8260C	
480-204316-14 MS	GW-5	Total/NA	Water	8260C	
480-204316-14 MSD	GW-5	Total/NA	Water	8260C	

Analysis Batch: 651956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204316-1	GW-3	Total/NA	Water	8260C	
480-204316-2	GW-5D	Total/NA	Water	8260C	
480-204316-3	GW-6	Total/NA	Water	8260C	
480-204316-4	GW-7	Total/NA	Water	8260C	
480-204316-5	GW-9	Total/NA	Water	8260C	
480-204316-6	GW-10	Total/NA	Water	8260C	
480-204316-7	GW-16	Total/NA	Water	8260C	
480-204316-8	GW-16D	Total/NA	Water	8260C	
480-204316-9	GW-21	Total/NA	Water	8260C	
480-204316-10	GW-23D	Total/NA	Water	8260C	
MB 480-651956/8	Method Blank	Total/NA	Water	8260C	
LCS 480-651956/6	Lab Control Sample	Total/NA	Water	8260C	
480-204316-10 MS	GW-23D	Total/NA	Water	8260C	
480-204316-10 MSD	GW-23D	Total/NA	Water	8260C	

Analysis Batch: 652126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204316-1 - DL	GW-3	Total/NA	Water	8260C	
MB 480-652126/8	Method Blank	Total/NA	Water	8260C	
LCS 480-652126/6	Lab Control Sample	Total/NA	Water	8260C	

Prep Batch: 652138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204316-19	SD-1	Total/NA	Solid	5035A_L	
MB 480-652138/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-652138/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 652140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204316-19	SD-1	Total/NA	Solid	8260C	652138
MB 480-652138/2-A	Method Blank	Total/NA	Solid	8260C	652138

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

GC/MS VOA (Continued)

Analysis Batch: 652140 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-652138/1-A	Lab Control Sample	Total/NA	Solid	8260C	652138

General Chemistry

Analysis Batch: 651862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-204316-19	SD-1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-3

Lab Sample ID: 480-204316-1

Date Collected: 11/30/22 11:55

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/02/22 21:28
Total/NA	Analysis	8260C	DL	2	652126	ATG	EET BUF	12/05/22 16:47

Client Sample ID: GW-5D

Lab Sample ID: 480-204316-2

Date Collected: 11/30/22 09:18

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/02/22 21:51

Client Sample ID: GW-6

Lab Sample ID: 480-204316-3

Date Collected: 11/30/22 13:36

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/02/22 22:14

Client Sample ID: GW-7

Lab Sample ID: 480-204316-4

Date Collected: 11/30/22 12:54

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/02/22 22:37

Client Sample ID: GW-9

Lab Sample ID: 480-204316-5

Date Collected: 11/30/22 10:53

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/02/22 23:00

Client Sample ID: GW-10

Lab Sample ID: 480-204316-6

Date Collected: 11/29/22 10:07

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/02/22 23:23

Client Sample ID: GW-16

Lab Sample ID: 480-204316-7

Date Collected: 11/29/22 13:20

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/02/22 23:46

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Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-16D

Lab Sample ID: 480-204316-8

Date Collected: 11/29/22 13:56

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/03/22 00:09

Client Sample ID: GW-21

Lab Sample ID: 480-204316-9

Date Collected: 11/29/22 14:09

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651956	ATG	EET BUF	12/03/22 00:32

Client Sample ID: GW-23D

Lab Sample ID: 480-204316-10

Date Collected: 11/29/22 11:56

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		8	651956	ATG	EET BUF	12/03/22 00:55

Client Sample ID: RW-3

Lab Sample ID: 480-204316-11

Date Collected: 11/29/22 10:57

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651895	CB	EET BUF	12/02/22 17:46

Client Sample ID: TB

Lab Sample ID: 480-204316-12

Date Collected: 12/01/22 11:50

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651946	CB	EET BUF	12/03/22 04:09

Client Sample ID: DUP

Lab Sample ID: 480-204316-13

Date Collected: 11/29/22 13:20

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651895	CB	EET BUF	12/02/22 18:09

Client Sample ID: GW-5

Lab Sample ID: 480-204316-14

Date Collected: 12/01/22 09:57

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	651946	CB	EET BUF	12/03/22 04:31

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Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Client Sample ID: GW-22

Lab Sample ID: 480-204316-15

Date Collected: 12/01/22 10:50

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	651946	CB	EET BUF	12/03/22 04:53

Client Sample ID: GW-22D

Lab Sample ID: 480-204316-16

Date Collected: 12/01/22 10:12

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	651946	CB	EET BUF	12/03/22 05:15

Client Sample ID: GW-20

Lab Sample ID: 480-204316-17

Date Collected: 11/29/22 14:43

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651895	CB	EET BUF	12/02/22 18:32

Client Sample ID: SW-1

Lab Sample ID: 480-204316-18

Date Collected: 12/01/22 11:40

Matrix: Water

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	651946	CB	EET BUF	12/03/22 05:37

Client Sample ID: SD-1

Lab Sample ID: 480-204316-19

Date Collected: 12/01/22 11:40

Matrix: Solid

Date Received: 12/01/22 13:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	651862	DSC	EET BUF	12/01/22 18:09

Client Sample ID: SD-1

Lab Sample ID: 480-204316-19

Date Collected: 12/01/22 11:40

Matrix: Solid

Date Received: 12/01/22 13:36

Percent Solids: 35.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			652138	CDC	EET BUF	12/05/22 14:28
Total/NA	Analysis	8260C		1	652140	CDC	EET BUF	12/06/22 00:25

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,2-Dichloroethene, Total
8260C	5035A_L	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
5030C	Purge and Trap	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-204316-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-204316-1	GW-3	Water	11/30/22 11:55	12/01/22 13:36
480-204316-2	GW-5D	Water	11/30/22 09:18	12/01/22 13:36
480-204316-3	GW-6	Water	11/30/22 13:36	12/01/22 13:36
480-204316-4	GW-7	Water	11/30/22 12:54	12/01/22 13:36
480-204316-5	GW-9	Water	11/30/22 10:53	12/01/22 13:36
480-204316-6	GW-10	Water	11/29/22 10:07	12/01/22 13:36
480-204316-7	GW-16	Water	11/29/22 13:20	12/01/22 13:36
480-204316-8	GW-16D	Water	11/29/22 13:56	12/01/22 13:36
480-204316-9	GW-21	Water	11/29/22 14:09	12/01/22 13:36
480-204316-10	GW-23D	Water	11/29/22 11:56	12/01/22 13:36
480-204316-11	RW-3	Water	11/29/22 10:57	12/01/22 13:36
480-204316-12	TB	Water	12/01/22 11:50	12/01/22 13:36
480-204316-13	DUP	Water	11/29/22 13:20	12/01/22 13:36
480-204316-14	GW-5	Water	12/01/22 09:57	12/01/22 13:36
480-204316-15	GW-22	Water	12/01/22 10:50	12/01/22 13:36
480-204316-16	GW-22D	Water	12/01/22 10:12	12/01/22 13:36
480-204316-17	GW-20	Water	11/29/22 14:43	12/01/22 13:36
480-204316-18	SW-1	Water	12/01/22 11:40	12/01/22 13:36
480-204316-19	SD-1	Solid	12/01/22 11:40	12/01/22 13:36

Eurofins Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record



Environment Testing

Client Information Company: KPRG and Associates, Inc. Address: 14665 West Lisbon Road, Suite 1A City: Brookfield State, Zip: WI, 53005 Phone: 262-781-0475(Tel) Email: richardg@kprginc.com Project Name: Machias site Site:		Sampler: Art Koske SAB Phone:		Lab PM: Fischer, Brian J E-Mail: Brian.Fischer@eurofins.com		Carrier Tracking No(s): State of Origin:		COC No: 480-179551-27161.1 Page 1 of 2 Job #	
Due Date Requested: PER CONTRACT TAT Requested (days): Compliance Project: ☐ Yes ☒ No PO #: Purchase Order not required WO #:		PWSID:		Analysis Requested					
Field Filtered Sample (Yes or No)		8260C - (MOD) TCL list OLM04.2		8260C - (MOD) TCL list OLM04.2		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 H2SO4 TSP Dodecahydrate Acetone MCAA - pH 4-5 - Trizma - other (specify)			
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (Water, Sediment, Other)	
GW-3		11-30-22		11:55		G		Water	
GW-5D		11-30-22		9:18		G		Water	
GW-6		11-30-22		13:36		G		Water	
GW-7		11-30-22		12:54		G		Water	
GW-9		11-30-22		10:53		G		Water	
GW-10		11-29-22		10:07		G		Water	
GW-16		11-29-22		13:20		G		Water	
GW-16D		11-29-22		12:56		G		Water	
GW-21		11-29-22		14:09		G		Water	
GW-23D		11-29-22		11:56		G		Water	
RW-3		11-29-22		10:57		G		Water	
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months							
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:			
Relinquished by:		Date/Time:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Date/Time:		Company:			
Relinquished by:		Date/Time:		Date/Time:		Company:			
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		Total Number of _____			

Ver: 06/08/2021

Phone: 716-691-2600 Fax: 716-691-7991

2 3 4 5 6 7 8 9 10 11 12 13 14 15

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 480-204316-1

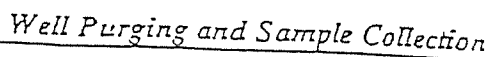
Login Number: 204316

List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

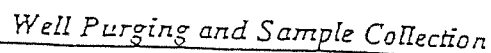
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	SJB
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	



(D.T.B. - D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 3 = Total Volume to be removed)

Gals./well vol.: 1.37 / 4.12

$$g_{a/f} = 0.103$$

Purging Method: Pumped ☒ Bailed ☒ Other: ☐

Pump Type: _____ Bailer Type: 2"

Weather Conditions: 60°F, sunny

Volume Calculation: $(79.6 - 47.48)(0.163) = (5.2356)(3) = 15.71$

(D.T.B. - D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 5.24 / 15.71

Comments: Well in good condition.
Dedicated water probe found in well
but did not use. Sample collected @
5/23/2023 1250

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

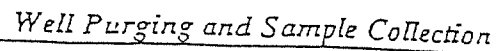
Field Blank Taken ☒ Time: 1315

Well Duplicate ☐ No.: _____

Signature: Amber

Date: 05, 23, 2023

HNw/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



(D.T.B. - D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Comments: Well in good condition. Measurement line not found. Line added in Navy Blue Sharpie for where DTW & DTB were measured.

Sample collected 5/23/2023 @ 14:00

Date: 05/23/2023

HNw/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	

Well Purging and Sample Collection

Project No.: 875013 Well No. GW 16 Site: Machias Gravel Pit

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: 65°F, sunny

Volume Calculation: $(10.59 - 10.22)(0.103) = (1.0383) / 2 = 2.11$

$$(\text{D.T.B.} - \text{D.T.W.} \times \text{vol./ft.} = \text{Gals./well vol.})$$
$$(Gals./well \text{ vol.} \times S = \text{Total Volume to be removed})$$

Gals./well vol.: 1.04/3.11

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
~~10:15~~ 11:15	10.22	16.59	0	7.98	700	48.0	Brown	N	cloudy
~~11:20~~ 11:20			1	7.61	704	47.3	orange	N	milky (2)
~~11:25~~ 11:25			1 1/2	7.78	698	46.4	brown	N	cloudy
~~11:30~~ 11:30			2	7.97	694	46.6	orange brown	N	cloudy
~~11:35~~ 11:35			2 1/2	8.01	695	46.2	orange brown	N	cloudy
~~11:40~~ 11:30			3	7.91	695	46.3	Orange	N	MILKY
Sample Readings									

Comments: Well in good condition. Measurement

line added. Sample collected 5/24/2023

1150

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

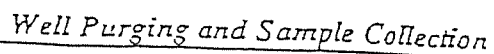
Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

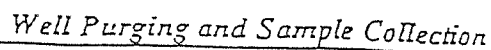
Signature: amw

Date: 05/24/2023

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	

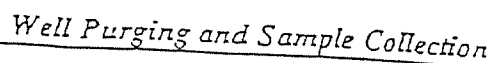


HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



(D.T.B. - D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

HNw/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



Site: Machias Gravel Pit

☒ Other.

Bailer Type:

65°F, cloudy

~~$$(10.06 - 10.59)(0.103) = (1.31541)(3) = 3.94$$~~
$$(\text{D.T.B.} - \text{D.T.W.} \times \text{vol./ft.} = \text{Gals./well vol.})$$

(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.32 / 3.94

Comments: Well in good condition. Measurement line added. Sample ~~collected~~ collected
5/24/2023 @ 1530

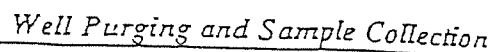
Field Blank Taken ☐ Time:

Well Duplicate ☐ No:

Signature: _____

Date: 5, 24, 2023

HNw/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



(D.T.B. - D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.60 / 4.80

[illegible]

Comments: Well in good condition.
measurement mark added. Sample
collected 5/25/2023 @ 0910

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

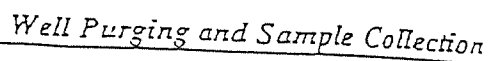
Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: AXM W

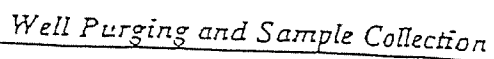
Date: 5, 25, 2023

HNW/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



(D.T.B. - D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

HNu/PPM	LEL/%	O ₂ /%	H ₂ S/PPM	CO/PPM	



(D.T.B. - D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.07 | 3.20

HNu/PPM	LEL/%	UEL/%	H ₂ S/PPM	CO/PPM	

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Rich Gnat
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Generated 6/8/2023 2:09:52 PM

JOB DESCRIPTION

Machias site

JOB NUMBER

480-209290-1

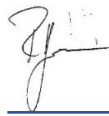
Eurofins Buffalo

Job Notes

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Authorization



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Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Job ID: 480-209290-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-209290-1

Comments

No additional comments.

Receipt

The samples were received on 5/26/2023 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

GC/MS VOA

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-671448 recovered outside control limits for the following analytes: Acetone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: GW-6 (480-209290-3), GW-7 (480-209290-4), TRIP BLANK (480-209290-12), DUP (480-209290-13), GW-22 (480-209290-15) and GW-22D (480-209290-16).

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: GW-22 (480-209290-15), GW-22D (480-209290-16), (480-209290-A-15 MS) and (480-209290-A-15 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-671448 were outside control limits for one or more analytes. The associated samples are impacted: (480-209290-A-15 MS) and (480-209290-A-15 MSD).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-671744 recovered above the upper control limit for Vinyl chloride, Chloromethane and Vinyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: GW-9 (480-209290-5), GW-16 (480-209290-7), GW-16D (480-209290-8), GW-21 (480-209290-9), GW-23D (480-209290-10) and RW-3 (480-209290-11).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-671744 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: GW-9 (480-209290-5), GW-16 (480-209290-7), GW-16D (480-209290-8), GW-21 (480-209290-9), GW-23D (480-209290-10) and RW-3 (480-209290-11).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: GW-23D (480-209290-10). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: GW-5 (480-209290-14). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 671910 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: GW-5D (480-209290-2), GW-10 (480-209290-6), GW-5 (480-209290-14) and SW-1 (480-209290-18).

Method 8260C: The continuing calibration verification (CCV) associated with batch 671910 recovered outside acceptance criteria, low biased, for Vinyl acetate. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-3

Lab Sample ID: 480-209290-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.8	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	12		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-5D

Lab Sample ID: 480-209290-2

No Detections.

Client Sample ID: GW-6

Lab Sample ID: 480-209290-3

No Detections.

Client Sample ID: GW-7

Lab Sample ID: 480-209290-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.54	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-9

Lab Sample ID: 480-209290-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.0		5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	7.1		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-10

Lab Sample ID: 480-209290-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	13		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-16

Lab Sample ID: 480-209290-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.3	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	46		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-16D

Lab Sample ID: 480-209290-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	16		5.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.5	J	5.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	79		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-21

Lab Sample ID: 480-209290-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.8	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	20		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-23D

Lab Sample ID: 480-209290-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	440		40	3.7	ug/L	8		8260C	Total/NA

Client Sample ID: RW-3

Lab Sample ID: 480-209290-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.7	J	5.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.64	J	5.0	0.29	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: RW-3 (Continued)

Lab Sample ID: 480-209290-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	72		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209290-12

No Detections.

Client Sample ID: DUP

Lab Sample ID: 480-209290-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.6	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	7.2		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-5

Lab Sample ID: 480-209290-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	210		50	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: GW-22

Lab Sample ID: 480-209290-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.2	J	20	3.3	ug/L	4		8260C	Total/NA
Trichloroethene	120		20	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: GW-22D

Lab Sample ID: 480-209290-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	12	J	20	3.3	ug/L	4		8260C	Total/NA
Methylene Chloride	4.1	J	20	1.8	ug/L	4		8260C	Total/NA
Trichloroethene	320		20	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: GW-20

Lab Sample ID: 480-209290-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.6	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	7.1		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: SW-1

Lab Sample ID: 480-209290-18

No Detections.

Client Sample ID: SD-1

Lab Sample ID: 480-209290-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J vs	34	5.7	ug/Kg	1	✱	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-3

Lab Sample ID: 480-209290-1

Date Collected: 05/24/23 09:10

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	3.8	J	5.0	0.82	ug/L			06/03/23 08:01	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/03/23 08:01	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/03/23 08:01	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/03/23 08:01	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/03/23 08:01	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/03/23 08:01	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/03/23 08:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/23 08:01	1
2-Hexanone	ND		10	1.2	ug/L			06/03/23 08:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/03/23 08:01	1
Acetone	ND		10	3.0	ug/L			06/03/23 08:01	1
Benzene	ND		5.0	0.41	ug/L			06/03/23 08:01	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/03/23 08:01	1
Bromoform	ND		5.0	0.26	ug/L			06/03/23 08:01	1
Bromomethane	ND		10	0.69	ug/L			06/03/23 08:01	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/03/23 08:01	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/03/23 08:01	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/03/23 08:01	1
Chloroethane	ND		10	0.32	ug/L			06/03/23 08:01	1
Chloroform	ND		5.0	0.34	ug/L			06/03/23 08:01	1
Chloromethane	ND		10	0.35	ug/L			06/03/23 08:01	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/03/23 08:01	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/03/23 08:01	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/03/23 08:01	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/03/23 08:01	1
Styrene	ND		5.0	0.73	ug/L			06/03/23 08:01	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/03/23 08:01	1
Toluene	ND		5.0	0.51	ug/L			06/03/23 08:01	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/03/23 08:01	1
Trichloroethene	12		5.0	0.46	ug/L			06/03/23 08:01	1
Vinyl acetate	ND		10	0.85	ug/L			06/03/23 08:01	1
Vinyl chloride	ND		10	0.90	ug/L			06/03/23 08:01	1
Xylenes, Total	ND		10	0.66	ug/L			06/03/23 08:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		06/03/23 08:01	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/03/23 08:01	1
Toluene-d8 (Surr)	102		80 - 120		06/03/23 08:01	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-5D

Lab Sample ID: 480-209290-2

Date Collected: 05/25/23 12:45

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/05/23 21:23	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/05/23 21:23	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/05/23 21:23	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/05/23 21:23	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/05/23 21:23	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/05/23 21:23	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/05/23 21:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/05/23 21:23	1
2-Hexanone	ND		10	1.2	ug/L			06/05/23 21:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/05/23 21:23	1
Acetone	ND		10	3.0	ug/L			06/05/23 21:23	1
Benzene	ND		5.0	0.41	ug/L			06/05/23 21:23	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/05/23 21:23	1
Bromoform	ND		5.0	0.26	ug/L			06/05/23 21:23	1
Bromomethane	ND		10	0.69	ug/L			06/05/23 21:23	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/05/23 21:23	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/05/23 21:23	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/05/23 21:23	1
Chloroethane	ND		10	0.32	ug/L			06/05/23 21:23	1
Chloroform	ND		5.0	0.34	ug/L			06/05/23 21:23	1
Chloromethane	ND		10	0.35	ug/L			06/05/23 21:23	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/05/23 21:23	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/05/23 21:23	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/05/23 21:23	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/05/23 21:23	1
Styrene	ND		5.0	0.73	ug/L			06/05/23 21:23	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/05/23 21:23	1
Toluene	ND		5.0	0.51	ug/L			06/05/23 21:23	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/05/23 21:23	1
Trichloroethene	ND		5.0	0.46	ug/L			06/05/23 21:23	1
Vinyl acetate	ND		10	0.85	ug/L			06/05/23 21:23	1
Vinyl chloride	ND		10	0.90	ug/L			06/05/23 21:23	1
Xylenes, Total	ND		10	0.66	ug/L			06/05/23 21:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		06/05/23 21:23	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/05/23 21:23	1
Toluene-d8 (Surr)	99		80 - 120		06/05/23 21:23	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-6

Lab Sample ID: 480-209290-3

Date Collected: 05/23/23 11:15

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/01/23 05:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/01/23 05:15	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/01/23 05:15	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/01/23 05:15	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/01/23 05:15	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/01/23 05:15	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/01/23 05:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/23 05:15	1
2-Hexanone	ND		10	1.2	ug/L			06/01/23 05:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/01/23 05:15	1
Acetone	ND	+	10	3.0	ug/L			06/01/23 05:15	1
Benzene	ND		5.0	0.41	ug/L			06/01/23 05:15	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/01/23 05:15	1
Bromoform	ND		5.0	0.26	ug/L			06/01/23 05:15	1
Bromomethane	ND		10	0.69	ug/L			06/01/23 05:15	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/01/23 05:15	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/01/23 05:15	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/01/23 05:15	1
Chloroethane	ND		10	0.32	ug/L			06/01/23 05:15	1
Chloroform	ND		5.0	0.34	ug/L			06/01/23 05:15	1
Chloromethane	ND		10	0.35	ug/L			06/01/23 05:15	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/01/23 05:15	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/01/23 05:15	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/01/23 05:15	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/01/23 05:15	1
Styrene	ND		5.0	0.73	ug/L			06/01/23 05:15	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/01/23 05:15	1
Toluene	ND		5.0	0.51	ug/L			06/01/23 05:15	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/01/23 05:15	1
Trichloroethene	ND		5.0	0.46	ug/L			06/01/23 05:15	1
Vinyl acetate	ND		10	0.85	ug/L			06/01/23 05:15	1
Vinyl chloride	ND		10	0.90	ug/L			06/01/23 05:15	1
Xylenes, Total	ND		10	0.66	ug/L			06/01/23 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		06/01/23 05:15	1
4-Bromofluorobenzene (Surr)	101		73 - 120		06/01/23 05:15	1
Toluene-d8 (Surr)	105		80 - 120		06/01/23 05:15	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-7

Lab Sample ID: 480-209290-4

Date Collected: 05/23/23 14:55

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/01/23 05:38	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/01/23 05:38	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/01/23 05:38	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/01/23 05:38	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/01/23 05:38	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/01/23 05:38	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/01/23 05:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/23 05:38	1
2-Hexanone	ND		10	1.2	ug/L			06/01/23 05:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/01/23 05:38	1
Acetone	ND	+	10	3.0	ug/L			06/01/23 05:38	1
Benzene	ND		5.0	0.41	ug/L			06/01/23 05:38	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/01/23 05:38	1
Bromoform	ND		5.0	0.26	ug/L			06/01/23 05:38	1
Bromomethane	ND		10	0.69	ug/L			06/01/23 05:38	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/01/23 05:38	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/01/23 05:38	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/01/23 05:38	1
Chloroethane	ND		10	0.32	ug/L			06/01/23 05:38	1
Chloroform	ND		5.0	0.34	ug/L			06/01/23 05:38	1
Chloromethane	ND		10	0.35	ug/L			06/01/23 05:38	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/01/23 05:38	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/01/23 05:38	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/01/23 05:38	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/01/23 05:38	1
Styrene	ND		5.0	0.73	ug/L			06/01/23 05:38	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/01/23 05:38	1
Toluene	ND		5.0	0.51	ug/L			06/01/23 05:38	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/01/23 05:38	1
Trichloroethene	0.54	J	5.0	0.46	ug/L			06/01/23 05:38	1
Vinyl acetate	ND		10	0.85	ug/L			06/01/23 05:38	1
Vinyl chloride	ND		10	0.90	ug/L			06/01/23 05:38	1
Xylenes, Total	ND		10	0.66	ug/L			06/01/23 05:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/01/23 05:38	1
4-Bromofluorobenzene (Surr)	108		73 - 120		06/01/23 05:38	1
Toluene-d8 (Surr)	109		80 - 120		06/01/23 05:38	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-9

Lab Sample ID: 480-209290-5

Date Collected: 05/25/23 13:40

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.0		5.0	0.82	ug/L			06/03/23 05:33	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/03/23 05:33	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/03/23 05:33	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/03/23 05:33	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/03/23 05:33	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/03/23 05:33	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/03/23 05:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/23 05:33	1
2-Hexanone	ND		10	1.2	ug/L			06/03/23 05:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/03/23 05:33	1
Acetone	ND		10	3.0	ug/L			06/03/23 05:33	1
Benzene	ND		5.0	0.41	ug/L			06/03/23 05:33	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/03/23 05:33	1
Bromoform	ND		5.0	0.26	ug/L			06/03/23 05:33	1
Bromomethane	ND		10	0.69	ug/L			06/03/23 05:33	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/03/23 05:33	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/03/23 05:33	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/03/23 05:33	1
Chloroethane	ND		10	0.32	ug/L			06/03/23 05:33	1
Chloroform	ND		5.0	0.34	ug/L			06/03/23 05:33	1
Chloromethane	ND	*+	10	0.35	ug/L			06/03/23 05:33	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/03/23 05:33	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/03/23 05:33	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/03/23 05:33	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/03/23 05:33	1
Styrene	ND		5.0	0.73	ug/L			06/03/23 05:33	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/03/23 05:33	1
Toluene	ND		5.0	0.51	ug/L			06/03/23 05:33	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/03/23 05:33	1
Trichloroethene	7.1		5.0	0.46	ug/L			06/03/23 05:33	1
Vinyl acetate	ND		10	0.85	ug/L			06/03/23 05:33	1
Vinyl chloride	ND		10	0.90	ug/L			06/03/23 05:33	1
Xylenes, Total	ND		10	0.66	ug/L			06/03/23 05:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 120		06/03/23 05:33	1
4-Bromofluorobenzene (Surr)	97		73 - 120		06/03/23 05:33	1
Toluene-d8 (Surr)	80		80 - 120		06/03/23 05:33	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-10

Lab Sample ID: 480-209290-6

Date Collected: 05/24/23 15:30

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/05/23 21:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/05/23 21:46	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/05/23 21:46	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/05/23 21:46	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/05/23 21:46	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/05/23 21:46	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/05/23 21:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/05/23 21:46	1
2-Hexanone	ND		10	1.2	ug/L			06/05/23 21:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/05/23 21:46	1
Acetone	ND		10	3.0	ug/L			06/05/23 21:46	1
Benzene	ND		5.0	0.41	ug/L			06/05/23 21:46	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/05/23 21:46	1
Bromoform	ND		5.0	0.26	ug/L			06/05/23 21:46	1
Bromomethane	ND		10	0.69	ug/L			06/05/23 21:46	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/05/23 21:46	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/05/23 21:46	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/05/23 21:46	1
Chloroethane	ND		10	0.32	ug/L			06/05/23 21:46	1
Chloroform	ND		5.0	0.34	ug/L			06/05/23 21:46	1
Chloromethane	ND		10	0.35	ug/L			06/05/23 21:46	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/05/23 21:46	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/05/23 21:46	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/05/23 21:46	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/05/23 21:46	1
Styrene	ND		5.0	0.73	ug/L			06/05/23 21:46	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/05/23 21:46	1
Toluene	ND		5.0	0.51	ug/L			06/05/23 21:46	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/05/23 21:46	1
Trichloroethene	13		5.0	0.46	ug/L			06/05/23 21:46	1
Vinyl acetate	ND		10	0.85	ug/L			06/05/23 21:46	1
Vinyl chloride	ND		10	0.90	ug/L			06/05/23 21:46	1
Xylenes, Total	ND		10	0.66	ug/L			06/05/23 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		06/05/23 21:46	1
4-Bromofluorobenzene (Surr)	104		73 - 120		06/05/23 21:46	1
Toluene-d8 (Surr)	101		80 - 120		06/05/23 21:46	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-16

Lab Sample ID: 480-209290-7

Date Collected: 05/24/23 11:50

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.3	J	5.0	0.82	ug/L			06/03/23 06:22	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/03/23 06:22	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/03/23 06:22	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/03/23 06:22	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/03/23 06:22	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/03/23 06:22	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/03/23 06:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/23 06:22	1
2-Hexanone	ND		10	1.2	ug/L			06/03/23 06:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/03/23 06:22	1
Acetone	ND		10	3.0	ug/L			06/03/23 06:22	1
Benzene	ND		5.0	0.41	ug/L			06/03/23 06:22	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/03/23 06:22	1
Bromoform	ND		5.0	0.26	ug/L			06/03/23 06:22	1
Bromomethane	ND		10	0.69	ug/L			06/03/23 06:22	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/03/23 06:22	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/03/23 06:22	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/03/23 06:22	1
Chloroethane	ND		10	0.32	ug/L			06/03/23 06:22	1
Chloroform	ND		5.0	0.34	ug/L			06/03/23 06:22	1
Chloromethane	ND	*+	10	0.35	ug/L			06/03/23 06:22	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/03/23 06:22	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/03/23 06:22	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/03/23 06:22	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/03/23 06:22	1
Styrene	ND		5.0	0.73	ug/L			06/03/23 06:22	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/03/23 06:22	1
Toluene	ND		5.0	0.51	ug/L			06/03/23 06:22	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/03/23 06:22	1
Trichloroethene	46		5.0	0.46	ug/L			06/03/23 06:22	1
Vinyl acetate	ND		10	0.85	ug/L			06/03/23 06:22	1
Vinyl chloride	ND		10	0.90	ug/L			06/03/23 06:22	1
Xylenes, Total	ND		10	0.66	ug/L			06/03/23 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		06/03/23 06:22	1
4-Bromofluorobenzene (Surr)	109		73 - 120		06/03/23 06:22	1
Toluene-d8 (Surr)	84		80 - 120		06/03/23 06:22	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-16D

Lab Sample ID: 480-209290-8

Date Collected: 05/24/23 12:30

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	16		5.0	0.82	ug/L			06/03/23 06:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/03/23 06:46	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/03/23 06:46	1
1,1-Dichloroethene	1.5	J	5.0	0.29	ug/L			06/03/23 06:46	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/03/23 06:46	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/03/23 06:46	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/03/23 06:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/23 06:46	1
2-Hexanone	ND		10	1.2	ug/L			06/03/23 06:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/03/23 06:46	1
Acetone	ND		10	3.0	ug/L			06/03/23 06:46	1
Benzene	ND		5.0	0.41	ug/L			06/03/23 06:46	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/03/23 06:46	1
Bromoform	ND		5.0	0.26	ug/L			06/03/23 06:46	1
Bromomethane	ND		10	0.69	ug/L			06/03/23 06:46	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/03/23 06:46	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/03/23 06:46	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/03/23 06:46	1
Chloroethane	ND		10	0.32	ug/L			06/03/23 06:46	1
Chloroform	ND		5.0	0.34	ug/L			06/03/23 06:46	1
Chloromethane	ND	*+	10	0.35	ug/L			06/03/23 06:46	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/03/23 06:46	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/03/23 06:46	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/03/23 06:46	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/03/23 06:46	1
Styrene	ND		5.0	0.73	ug/L			06/03/23 06:46	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/03/23 06:46	1
Toluene	ND		5.0	0.51	ug/L			06/03/23 06:46	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/03/23 06:46	1
Trichloroethene	79		5.0	0.46	ug/L			06/03/23 06:46	1
Vinyl acetate	ND		10	0.85	ug/L			06/03/23 06:46	1
Vinyl chloride	ND		10	0.90	ug/L			06/03/23 06:46	1
Xylenes, Total	ND		10	0.66	ug/L			06/03/23 06:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		06/03/23 06:46	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/03/23 06:46	1
Toluene-d8 (Surr)	85		80 - 120		06/03/23 06:46	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-21

Lab Sample ID: 480-209290-9

Date Collected: 05/24/23 09:55

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.8	J	5.0	0.82	ug/L			06/03/23 07:10	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/03/23 07:10	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/03/23 07:10	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/03/23 07:10	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/03/23 07:10	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/03/23 07:10	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/03/23 07:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/23 07:10	1
2-Hexanone	ND		10	1.2	ug/L			06/03/23 07:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/03/23 07:10	1
Acetone	ND		10	3.0	ug/L			06/03/23 07:10	1
Benzene	ND		5.0	0.41	ug/L			06/03/23 07:10	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/03/23 07:10	1
Bromoform	ND		5.0	0.26	ug/L			06/03/23 07:10	1
Bromomethane	ND		10	0.69	ug/L			06/03/23 07:10	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/03/23 07:10	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/03/23 07:10	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/03/23 07:10	1
Chloroethane	ND		10	0.32	ug/L			06/03/23 07:10	1
Chloroform	ND		5.0	0.34	ug/L			06/03/23 07:10	1
Chloromethane	ND	*+	10	0.35	ug/L			06/03/23 07:10	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/03/23 07:10	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/03/23 07:10	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/03/23 07:10	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/03/23 07:10	1
Styrene	ND		5.0	0.73	ug/L			06/03/23 07:10	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/03/23 07:10	1
Toluene	ND		5.0	0.51	ug/L			06/03/23 07:10	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/03/23 07:10	1
Trichloroethene	20		5.0	0.46	ug/L			06/03/23 07:10	1
Vinyl acetate	ND		10	0.85	ug/L			06/03/23 07:10	1
Vinyl chloride	ND		10	0.90	ug/L			06/03/23 07:10	1
Xylenes, Total	ND		10	0.66	ug/L			06/03/23 07:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		06/03/23 07:10	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/03/23 07:10	1
Toluene-d8 (Surr)	82		80 - 120		06/03/23 07:10	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-23D

Lab Sample ID: 480-209290-10

Date Collected: 05/24/23 14:40

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	6.6	ug/L			06/03/23 07:35	8
1,1,2,2-Tetrachloroethane	ND		40	1.7	ug/L			06/03/23 07:35	8
1,1,2-Trichloroethane	ND		40	1.8	ug/L			06/03/23 07:35	8
1,1-Dichloroethene	ND		40	2.3	ug/L			06/03/23 07:35	8
1,2-Dichloroethane	ND		40	1.7	ug/L			06/03/23 07:35	8
1,2-Dichloroethene, Total	ND		80	6.5	ug/L			06/03/23 07:35	8
1,2-Dichloropropane	ND		40	5.8	ug/L			06/03/23 07:35	8
2-Butanone (MEK)	ND		80	11	ug/L			06/03/23 07:35	8
2-Hexanone	ND		80	9.9	ug/L			06/03/23 07:35	8
4-Methyl-2-pentanone (MIBK)	ND		80	17	ug/L			06/03/23 07:35	8
Acetone	ND		80	24	ug/L			06/03/23 07:35	8
Benzene	ND		40	3.3	ug/L			06/03/23 07:35	8
Bromodichloromethane	ND		40	3.1	ug/L			06/03/23 07:35	8
Bromoform	ND		40	2.1	ug/L			06/03/23 07:35	8
Bromomethane	ND		80	5.5	ug/L			06/03/23 07:35	8
Carbon disulfide	ND		40	1.5	ug/L			06/03/23 07:35	8
Carbon tetrachloride	ND		40	2.2	ug/L			06/03/23 07:35	8
Chlorobenzene	ND		40	6.0	ug/L			06/03/23 07:35	8
Chloroethane	ND		80	2.6	ug/L			06/03/23 07:35	8
Chloroform	ND		40	2.7	ug/L			06/03/23 07:35	8
Chloromethane	ND	*+	80	2.8	ug/L			06/03/23 07:35	8
cis-1,3-Dichloropropene	ND		40	2.9	ug/L			06/03/23 07:35	8
Dibromochloromethane	ND		40	2.6	ug/L			06/03/23 07:35	8
Ethylbenzene	ND		40	5.9	ug/L			06/03/23 07:35	8
Methylene Chloride	ND		40	3.5	ug/L			06/03/23 07:35	8
Styrene	ND		40	5.8	ug/L			06/03/23 07:35	8
Tetrachloroethene	ND		40	2.9	ug/L			06/03/23 07:35	8
Toluene	ND		40	4.1	ug/L			06/03/23 07:35	8
trans-1,3-Dichloropropene	ND		40	3.0	ug/L			06/03/23 07:35	8
Trichloroethene	440		40	3.7	ug/L			06/03/23 07:35	8
Vinyl acetate	ND		80	6.8	ug/L			06/03/23 07:35	8
Vinyl chloride	ND		80	7.2	ug/L			06/03/23 07:35	8
Xylenes, Total	ND		80	5.3	ug/L			06/03/23 07:35	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		06/03/23 07:35	8
4-Bromofluorobenzene (Surr)	109		73 - 120		06/03/23 07:35	8
Toluene-d8 (Surr)	84		80 - 120		06/03/23 07:35	8

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: RW-3

Lab Sample ID: 480-209290-11

Date Collected: 05/24/23 13:20

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	3.7	J	5.0	0.82	ug/L			06/03/23 07:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/03/23 07:59	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/03/23 07:59	1
1,1-Dichloroethene	0.64	J	5.0	0.29	ug/L			06/03/23 07:59	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/03/23 07:59	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/03/23 07:59	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/03/23 07:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/23 07:59	1
2-Hexanone	ND		10	1.2	ug/L			06/03/23 07:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/03/23 07:59	1
Acetone	ND		10	3.0	ug/L			06/03/23 07:59	1
Benzene	ND		5.0	0.41	ug/L			06/03/23 07:59	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/03/23 07:59	1
Bromoform	ND		5.0	0.26	ug/L			06/03/23 07:59	1
Bromomethane	ND		10	0.69	ug/L			06/03/23 07:59	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/03/23 07:59	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/03/23 07:59	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/03/23 07:59	1
Chloroethane	ND		10	0.32	ug/L			06/03/23 07:59	1
Chloroform	ND		5.0	0.34	ug/L			06/03/23 07:59	1
Chloromethane	ND	*+	10	0.35	ug/L			06/03/23 07:59	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/03/23 07:59	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/03/23 07:59	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/03/23 07:59	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/03/23 07:59	1
Styrene	ND		5.0	0.73	ug/L			06/03/23 07:59	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/03/23 07:59	1
Toluene	ND		5.0	0.51	ug/L			06/03/23 07:59	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/03/23 07:59	1
Trichloroethene	72		5.0	0.46	ug/L			06/03/23 07:59	1
Vinyl acetate	ND		10	0.85	ug/L			06/03/23 07:59	1
Vinyl chloride	ND		10	0.90	ug/L			06/03/23 07:59	1
Xylenes, Total	ND		10	0.66	ug/L			06/03/23 07:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		06/03/23 07:59	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/03/23 07:59	1
Toluene-d8 (Surr)	81		80 - 120		06/03/23 07:59	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-209290-12

Date Collected: 05/23/23 00:00

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/01/23 06:00	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/01/23 06:00	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/01/23 06:00	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/01/23 06:00	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/01/23 06:00	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/01/23 06:00	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/01/23 06:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/23 06:00	1
2-Hexanone	ND		10	1.2	ug/L			06/01/23 06:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/01/23 06:00	1
Acetone	ND	+	10	3.0	ug/L			06/01/23 06:00	1
Benzene	ND		5.0	0.41	ug/L			06/01/23 06:00	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/01/23 06:00	1
Bromoform	ND		5.0	0.26	ug/L			06/01/23 06:00	1
Bromomethane	ND		10	0.69	ug/L			06/01/23 06:00	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/01/23 06:00	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/01/23 06:00	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/01/23 06:00	1
Chloroethane	ND		10	0.32	ug/L			06/01/23 06:00	1
Chloroform	ND		5.0	0.34	ug/L			06/01/23 06:00	1
Chloromethane	ND		10	0.35	ug/L			06/01/23 06:00	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/01/23 06:00	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/01/23 06:00	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/01/23 06:00	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/01/23 06:00	1
Styrene	ND		5.0	0.73	ug/L			06/01/23 06:00	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/01/23 06:00	1
Toluene	ND		5.0	0.51	ug/L			06/01/23 06:00	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/01/23 06:00	1
Trichloroethene	ND		5.0	0.46	ug/L			06/01/23 06:00	1
Vinyl acetate	ND		10	0.85	ug/L			06/01/23 06:00	1
Vinyl chloride	ND		10	0.90	ug/L			06/01/23 06:00	1
Xylenes, Total	ND		10	0.66	ug/L			06/01/23 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		06/01/23 06:00	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/01/23 06:00	1
Toluene-d8 (Surr)	109		80 - 120		06/01/23 06:00	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: DUP

Lab Sample ID: 480-209290-13

Date Collected: 05/23/23 00:00

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.6	J	5.0	0.82	ug/L			06/01/23 06:22	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/01/23 06:22	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/01/23 06:22	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/01/23 06:22	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/01/23 06:22	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/01/23 06:22	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/01/23 06:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/23 06:22	1
2-Hexanone	ND		10	1.2	ug/L			06/01/23 06:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/01/23 06:22	1
Acetone	ND	+	10	3.0	ug/L			06/01/23 06:22	1
Benzene	ND		5.0	0.41	ug/L			06/01/23 06:22	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/01/23 06:22	1
Bromoform	ND		5.0	0.26	ug/L			06/01/23 06:22	1
Bromomethane	ND		10	0.69	ug/L			06/01/23 06:22	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/01/23 06:22	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/01/23 06:22	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/01/23 06:22	1
Chloroethane	ND		10	0.32	ug/L			06/01/23 06:22	1
Chloroform	ND		5.0	0.34	ug/L			06/01/23 06:22	1
Chloromethane	ND		10	0.35	ug/L			06/01/23 06:22	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/01/23 06:22	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/01/23 06:22	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/01/23 06:22	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/01/23 06:22	1
Styrene	ND		5.0	0.73	ug/L			06/01/23 06:22	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/01/23 06:22	1
Toluene	ND		5.0	0.51	ug/L			06/01/23 06:22	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/01/23 06:22	1
Trichloroethene	7.2		5.0	0.46	ug/L			06/01/23 06:22	1
Vinyl acetate	ND		10	0.85	ug/L			06/01/23 06:22	1
Vinyl chloride	ND		10	0.90	ug/L			06/01/23 06:22	1
Xylenes, Total	ND		10	0.66	ug/L			06/01/23 06:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		06/01/23 06:22	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/01/23 06:22	1
Toluene-d8 (Surr)	107		80 - 120		06/01/23 06:22	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-5

Lab Sample ID: 480-209290-14

Date Collected: 05/25/23 10:10

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	8.2	ug/L			06/05/23 22:09	10
1,1,2,2-Tetrachloroethane	ND		50	2.1	ug/L			06/05/23 22:09	10
1,1,2-Trichloroethane	ND		50	2.3	ug/L			06/05/23 22:09	10
1,1-Dichloroethene	ND		50	2.9	ug/L			06/05/23 22:09	10
1,2-Dichloroethane	ND		50	2.1	ug/L			06/05/23 22:09	10
1,2-Dichloroethene, Total	ND		100	8.1	ug/L			06/05/23 22:09	10
1,2-Dichloropropane	ND		50	7.2	ug/L			06/05/23 22:09	10
2-Butanone (MEK)	ND		100	13	ug/L			06/05/23 22:09	10
2-Hexanone	ND		100	12	ug/L			06/05/23 22:09	10
4-Methyl-2-pentanone (MIBK)	ND		100	21	ug/L			06/05/23 22:09	10
Acetone	ND		100	30	ug/L			06/05/23 22:09	10
Benzene	ND		50	4.1	ug/L			06/05/23 22:09	10
Bromodichloromethane	ND		50	3.9	ug/L			06/05/23 22:09	10
Bromoform	ND		50	2.6	ug/L			06/05/23 22:09	10
Bromomethane	ND		100	6.9	ug/L			06/05/23 22:09	10
Carbon disulfide	ND		50	1.9	ug/L			06/05/23 22:09	10
Carbon tetrachloride	ND		50	2.7	ug/L			06/05/23 22:09	10
Chlorobenzene	ND		50	7.5	ug/L			06/05/23 22:09	10
Chloroethane	ND		100	3.2	ug/L			06/05/23 22:09	10
Chloroform	ND		50	3.4	ug/L			06/05/23 22:09	10
Chloromethane	ND		100	3.5	ug/L			06/05/23 22:09	10
cis-1,3-Dichloropropene	ND		50	3.6	ug/L			06/05/23 22:09	10
Dibromochloromethane	ND		50	3.2	ug/L			06/05/23 22:09	10
Ethylbenzene	ND		50	7.4	ug/L			06/05/23 22:09	10
Methylene Chloride	ND		50	4.4	ug/L			06/05/23 22:09	10
Styrene	ND		50	7.3	ug/L			06/05/23 22:09	10
Tetrachloroethene	ND		50	3.6	ug/L			06/05/23 22:09	10
Toluene	ND		50	5.1	ug/L			06/05/23 22:09	10
trans-1,3-Dichloropropene	ND		50	3.7	ug/L			06/05/23 22:09	10
Trichloroethene	210		50	4.6	ug/L			06/05/23 22:09	10
Vinyl acetate	ND		100	8.5	ug/L			06/05/23 22:09	10
Vinyl chloride	ND		100	9.0	ug/L			06/05/23 22:09	10
Xylenes, Total	ND		100	6.6	ug/L			06/05/23 22:09	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		06/05/23 22:09	10
4-Bromofluorobenzene (Surr)	99		73 - 120		06/05/23 22:09	10
Toluene-d8 (Surr)	99		80 - 120		06/05/23 22:09	10

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-22

Lab Sample ID: 480-209290-15

Date Collected: 05/23/23 14:00

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	5.2	J	20	3.3	ug/L			06/01/23 06:44	4
1,1,2,2-Tetrachloroethane	ND		20	0.84	ug/L			06/01/23 06:44	4
1,1,2-Trichloroethane	ND		20	0.92	ug/L			06/01/23 06:44	4
1,1-Dichloroethene	ND		20	1.2	ug/L			06/01/23 06:44	4
1,2-Dichloroethane	ND		20	0.84	ug/L			06/01/23 06:44	4
1,2-Dichloroethene, Total	ND		40	3.2	ug/L			06/01/23 06:44	4
1,2-Dichloropropane	ND		20	2.9	ug/L			06/01/23 06:44	4
2-Butanone (MEK)	ND		40	5.3	ug/L			06/01/23 06:44	4
2-Hexanone	ND		40	5.0	ug/L			06/01/23 06:44	4
4-Methyl-2-pentanone (MIBK)	ND		40	8.4	ug/L			06/01/23 06:44	4
Acetone	ND	*+ F1	40	12	ug/L			06/01/23 06:44	4
Benzene	ND		20	1.6	ug/L			06/01/23 06:44	4
Bromodichloromethane	ND		20	1.6	ug/L			06/01/23 06:44	4
Bromoform	ND		20	1.0	ug/L			06/01/23 06:44	4
Bromomethane	ND		40	2.8	ug/L			06/01/23 06:44	4
Carbon disulfide	ND		20	0.76	ug/L			06/01/23 06:44	4
Carbon tetrachloride	ND		20	1.1	ug/L			06/01/23 06:44	4
Chlorobenzene	ND		20	3.0	ug/L			06/01/23 06:44	4
Chloroethane	ND		40	1.3	ug/L			06/01/23 06:44	4
Chloroform	ND		20	1.4	ug/L			06/01/23 06:44	4
Chloromethane	ND		40	1.4	ug/L			06/01/23 06:44	4
cis-1,3-Dichloropropene	ND		20	1.4	ug/L			06/01/23 06:44	4
Dibromochloromethane	ND		20	1.3	ug/L			06/01/23 06:44	4
Ethylbenzene	ND		20	3.0	ug/L			06/01/23 06:44	4
Methylene Chloride	ND		20	1.8	ug/L			06/01/23 06:44	4
Styrene	ND		20	2.9	ug/L			06/01/23 06:44	4
Tetrachloroethene	ND		20	1.4	ug/L			06/01/23 06:44	4
Toluene	ND		20	2.0	ug/L			06/01/23 06:44	4
trans-1,3-Dichloropropene	ND		20	1.5	ug/L			06/01/23 06:44	4
Trichloroethene	120		20	1.8	ug/L			06/01/23 06:44	4
Vinyl acetate	ND		40	3.4	ug/L			06/01/23 06:44	4
Vinyl chloride	ND		40	3.6	ug/L			06/01/23 06:44	4
Xylenes, Total	ND		40	2.6	ug/L			06/01/23 06:44	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		06/01/23 06:44	4
4-Bromofluorobenzene (Surr)	105		73 - 120		06/01/23 06:44	4
Toluene-d8 (Surr)	106		80 - 120		06/01/23 06:44	4

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-22D

Lab Sample ID: 480-209290-16

Date Collected: 05/23/23 12:45

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	12	J	20	3.3	ug/L			06/01/23 07:07	4
1,1,2,2-Tetrachloroethane	ND		20	0.84	ug/L			06/01/23 07:07	4
1,1,2-Trichloroethane	ND		20	0.92	ug/L			06/01/23 07:07	4
1,1-Dichloroethene	ND		20	1.2	ug/L			06/01/23 07:07	4
1,2-Dichloroethane	ND		20	0.84	ug/L			06/01/23 07:07	4
1,2-Dichloroethene, Total	ND		40	3.2	ug/L			06/01/23 07:07	4
1,2-Dichloropropane	ND		20	2.9	ug/L			06/01/23 07:07	4
2-Butanone (MEK)	ND		40	5.3	ug/L			06/01/23 07:07	4
2-Hexanone	ND		40	5.0	ug/L			06/01/23 07:07	4
4-Methyl-2-pentanone (MIBK)	ND		40	8.4	ug/L			06/01/23 07:07	4
Acetone	ND	+	40	12	ug/L			06/01/23 07:07	4
Benzene	ND		20	1.6	ug/L			06/01/23 07:07	4
Bromodichloromethane	ND		20	1.6	ug/L			06/01/23 07:07	4
Bromoform	ND		20	1.0	ug/L			06/01/23 07:07	4
Bromomethane	ND		40	2.8	ug/L			06/01/23 07:07	4
Carbon disulfide	ND		20	0.76	ug/L			06/01/23 07:07	4
Carbon tetrachloride	ND		20	1.1	ug/L			06/01/23 07:07	4
Chlorobenzene	ND		20	3.0	ug/L			06/01/23 07:07	4
Chloroethane	ND		40	1.3	ug/L			06/01/23 07:07	4
Chloroform	ND		20	1.4	ug/L			06/01/23 07:07	4
Chloromethane	ND		40	1.4	ug/L			06/01/23 07:07	4
cis-1,3-Dichloropropene	ND		20	1.4	ug/L			06/01/23 07:07	4
Dibromochloromethane	ND		20	1.3	ug/L			06/01/23 07:07	4
Ethylbenzene	ND		20	3.0	ug/L			06/01/23 07:07	4
Methylene Chloride	4.1	J	20	1.8	ug/L			06/01/23 07:07	4
Styrene	ND		20	2.9	ug/L			06/01/23 07:07	4
Tetrachloroethene	ND		20	1.4	ug/L			06/01/23 07:07	4
Toluene	ND		20	2.0	ug/L			06/01/23 07:07	4
trans-1,3-Dichloropropene	ND		20	1.5	ug/L			06/01/23 07:07	4
Trichloroethene	320		20	1.8	ug/L			06/01/23 07:07	4
Vinyl acetate	ND		40	3.4	ug/L			06/01/23 07:07	4
Vinyl chloride	ND		40	3.6	ug/L			06/01/23 07:07	4
Xylenes, Total	ND		40	2.6	ug/L			06/01/23 07:07	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		06/01/23 07:07	4
4-Bromofluorobenzene (Surr)	102		73 - 120		06/01/23 07:07	4
Toluene-d8 (Surr)	103		80 - 120		06/01/23 07:07	4

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-20

Lab Sample ID: 480-209290-17

Date Collected: 05/24/23 09:15

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.6	J	5.0	0.82	ug/L			06/03/23 08:24	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/03/23 08:24	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/03/23 08:24	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/03/23 08:24	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/03/23 08:24	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/03/23 08:24	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/03/23 08:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/23 08:24	1
2-Hexanone	ND		10	1.2	ug/L			06/03/23 08:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/03/23 08:24	1
Acetone	ND		10	3.0	ug/L			06/03/23 08:24	1
Benzene	ND		5.0	0.41	ug/L			06/03/23 08:24	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/03/23 08:24	1
Bromoform	ND		5.0	0.26	ug/L			06/03/23 08:24	1
Bromomethane	ND		10	0.69	ug/L			06/03/23 08:24	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/03/23 08:24	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/03/23 08:24	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/03/23 08:24	1
Chloroethane	ND		10	0.32	ug/L			06/03/23 08:24	1
Chloroform	ND		5.0	0.34	ug/L			06/03/23 08:24	1
Chloromethane	ND		10	0.35	ug/L			06/03/23 08:24	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/03/23 08:24	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/03/23 08:24	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/03/23 08:24	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/03/23 08:24	1
Styrene	ND		5.0	0.73	ug/L			06/03/23 08:24	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/03/23 08:24	1
Toluene	ND		5.0	0.51	ug/L			06/03/23 08:24	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/03/23 08:24	1
Trichloroethene	7.1		5.0	0.46	ug/L			06/03/23 08:24	1
Vinyl acetate	ND		10	0.85	ug/L			06/03/23 08:24	1
Vinyl chloride	ND		10	0.90	ug/L			06/03/23 08:24	1
Xylenes, Total	ND		10	0.66	ug/L			06/03/23 08:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/03/23 08:24	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/03/23 08:24	1
Toluene-d8 (Surr)	100		80 - 120		06/03/23 08:24	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: SW-1

Lab Sample ID: 480-209290-18

Date Collected: 05/24/23 10:30

Matrix: Water

Date Received: 05/26/23 12:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/05/23 22:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/05/23 22:32	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/05/23 22:32	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/05/23 22:32	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/05/23 22:32	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/05/23 22:32	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/05/23 22:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/05/23 22:32	1
2-Hexanone	ND		10	1.2	ug/L			06/05/23 22:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/05/23 22:32	1
Acetone	ND		10	3.0	ug/L			06/05/23 22:32	1
Benzene	ND		5.0	0.41	ug/L			06/05/23 22:32	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/05/23 22:32	1
Bromoform	ND		5.0	0.26	ug/L			06/05/23 22:32	1
Bromomethane	ND		10	0.69	ug/L			06/05/23 22:32	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/05/23 22:32	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/05/23 22:32	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/05/23 22:32	1
Chloroethane	ND		10	0.32	ug/L			06/05/23 22:32	1
Chloroform	ND		5.0	0.34	ug/L			06/05/23 22:32	1
Chloromethane	ND		10	0.35	ug/L			06/05/23 22:32	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/05/23 22:32	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/05/23 22:32	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/05/23 22:32	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/05/23 22:32	1
Styrene	ND		5.0	0.73	ug/L			06/05/23 22:32	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/05/23 22:32	1
Toluene	ND		5.0	0.51	ug/L			06/05/23 22:32	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/05/23 22:32	1
Trichloroethene	ND		5.0	0.46	ug/L			06/05/23 22:32	1
Vinyl acetate	ND		10	0.85	ug/L			06/05/23 22:32	1
Vinyl chloride	ND		10	0.90	ug/L			06/05/23 22:32	1
Xylenes, Total	ND		10	0.66	ug/L			06/05/23 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		06/05/23 22:32	1
4-Bromofluorobenzene (Surr)	105		73 - 120		06/05/23 22:32	1
Toluene-d8 (Surr)	100		80 - 120		06/05/23 22:32	1

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Client Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: SD-1

Lab Sample ID: 480-209290-19

Date Collected: 05/24/23 08:15

Matrix: Solid

Date Received: 05/26/23 12:00

Percent Solids: 70.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.8	0.49	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
1,1,2,2-Tetrachloroethane	ND	vs	6.8	1.1	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
1,1,2-Trichloroethane	ND	vs	6.8	0.88	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
1,1-Dichloroethene	ND	vs	6.8	0.83	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
1,2-Dichloroethane	ND	vs	6.8	0.34	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
1,2-Dichloroethene, Total	ND	vs	14	3.5	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
1,2-Dichloropropane	ND	vs	6.8	3.4	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
2-Butanone (MEK)	ND	vs	34	2.5	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
2-Hexanone	ND	vs	34	3.4	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
4-Methyl-2-pentanone (MIBK)	ND	vs	34	2.2	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Acetone	7.0	J vs	34	5.7	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Benzene	ND	vs	6.8	0.33	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Bromodichloromethane	ND	vs	6.8	0.91	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Bromoform	ND	vs	6.8	3.4	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Bromomethane	ND	vs	6.8	0.61	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Carbon disulfide	ND	vs	6.8	3.4	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Carbon tetrachloride	ND	vs	6.8	0.65	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Chlorobenzene	ND	vs	6.8	0.89	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Chloroethane	ND	vs	6.8	1.5	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Chloroform	ND	vs	6.8	0.42	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Chloromethane	ND	vs	6.8	0.41	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
cis-1,3-Dichloropropene	ND	vs	6.8	0.97	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Dibromochloromethane	ND	vs	6.8	0.87	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Ethylbenzene	ND	vs	6.8	0.47	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Methylene Chloride	ND	vs	6.8	3.1	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Styrene	ND	vs	6.8	0.34	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Tetrachloroethene	ND	vs	6.8	0.91	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Toluene	ND	vs	6.8	0.51	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
trans-1,3-Dichloropropene	ND	vs	6.8	3.0	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Trichloroethene	ND	vs	6.8	1.5	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Vinyl acetate	ND	vs	14	3.4	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Vinyl chloride	ND	vs	6.8	0.83	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1
Xylenes, Total	ND	vs	14	1.1	ug/Kg	☆	06/01/23 13:02	06/02/23 20:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	06/01/23 13:02	06/02/23 20:19	1
4-Bromofluorobenzene (Surr)	98		72 - 126	06/01/23 13:02	06/02/23 20:19	1
Toluene-d8 (Surr)	97		71 - 125	06/01/23 13:02	06/02/23 20:19	1

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Surrogate Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (64-126)	BFB (72-126)	TOL (71-125)
480-209290-19	SD-1	101	98	97
LCS 480-671604/1-A	Lab Control Sample	100	103	100
MB 480-671604/2-A	Method Blank	101	99	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (77-120)	BFB (73-120)	TOL (80-120)
480-209290-1	GW-3	105	106	102
480-209290-2	GW-5D	101	105	99
480-209290-3	GW-6	100	101	105
480-209290-4	GW-7	99	108	109
480-209290-5	GW-9	94	97	80
480-209290-6	GW-10	107	104	101
480-209290-7	GW-16	97	109	84
480-209290-8	GW-16D	97	105	85
480-209290-9	GW-21	97	106	82
480-209290-10	GW-23D	98	109	84
480-209290-11	RW-3	98	105	81
480-209290-12	TRIP BLANK	96	105	109
480-209290-13	DUP	98	105	107
480-209290-14	GW-5	107	99	99
480-209290-15	GW-22	102	105	106
480-209290-15 MS	GW-22	97	103	109
480-209290-15 MSD	GW-22	97	105	107
480-209290-16	GW-22D	97	102	103
480-209290-17	GW-20	104	105	100
480-209290-18	SW-1	105	105	100
LCS 480-671448/6	Lab Control Sample	91	107	110
LCS 480-671744/6	Lab Control Sample	102	105	81
LCS 480-671747/6	Lab Control Sample	103	104	102
LCS 480-671910/6	Lab Control Sample	104	109	105
MB 480-671448/8	Method Blank	99	107	108
MB 480-671744/8	Method Blank	94	103	80
MB 480-671747/8	Method Blank	104	106	102
MB 480-671910/8	Method Blank	104	102	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-671448/8

Matrix: Water

Analysis Batch: 671448

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/01/23 02:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/01/23 02:39	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/01/23 02:39	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/01/23 02:39	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/01/23 02:39	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/01/23 02:39	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/01/23 02:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/01/23 02:39	1
2-Hexanone	ND		10	1.2	ug/L			06/01/23 02:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/01/23 02:39	1
Acetone	ND		10	3.0	ug/L			06/01/23 02:39	1
Benzene	ND		5.0	0.41	ug/L			06/01/23 02:39	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/01/23 02:39	1
Bromoform	ND		5.0	0.26	ug/L			06/01/23 02:39	1
Bromomethane	ND		10	0.69	ug/L			06/01/23 02:39	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/01/23 02:39	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/01/23 02:39	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/01/23 02:39	1
Chloroethane	ND		10	0.32	ug/L			06/01/23 02:39	1
Chloroform	ND		5.0	0.34	ug/L			06/01/23 02:39	1
Chloromethane	ND		10	0.35	ug/L			06/01/23 02:39	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/01/23 02:39	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/01/23 02:39	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/01/23 02:39	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/01/23 02:39	1
Styrene	ND		5.0	0.73	ug/L			06/01/23 02:39	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/01/23 02:39	1
Toluene	ND		5.0	0.51	ug/L			06/01/23 02:39	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/01/23 02:39	1
Trichloroethene	ND		5.0	0.46	ug/L			06/01/23 02:39	1
Vinyl acetate	ND		10	0.85	ug/L			06/01/23 02:39	1
Vinyl chloride	ND		10	0.90	ug/L			06/01/23 02:39	1
Xylenes, Total	ND		10	0.66	ug/L			06/01/23 02:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		06/01/23 02:39	1
4-Bromofluorobenzene (Surr)	107		73 - 120		06/01/23 02:39	1
Toluene-d8 (Surr)	108		80 - 120		06/01/23 02:39	1

Lab Sample ID: LCS 480-671448/6

Matrix: Water

Analysis Batch: 671448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	27.3		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.5		ug/L		102	76 - 120
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	76 - 122
1,1-Dichloroethene	25.0	28.0		ug/L		112	66 - 127

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-671448/6

Matrix: Water

Analysis Batch: 671448

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	25.0	22.7		ug/L		91	75 - 120
1,2-Dichloropropane	25.0	24.9		ug/L		99	76 - 120
2-Butanone (MEK)	125	121		ug/L		97	57 - 140
2-Hexanone	125	122		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	134		ug/L		108	71 - 125
Acetone	125	187	*+	ug/L		149	56 - 142
Benzene	25.0	24.5		ug/L		98	71 - 124
Bromodichloromethane	25.0	24.5		ug/L		98	80 - 122
Bromoform	25.0	25.4		ug/L		102	61 - 132
Bromomethane	25.0	26.4		ug/L		106	55 - 144
Carbon disulfide	25.0	28.2		ug/L		113	59 - 134
Carbon tetrachloride	25.0	28.0		ug/L		112	72 - 134
Chlorobenzene	25.0	24.6		ug/L		98	80 - 120
Chloroethane	25.0	26.4		ug/L		106	69 - 136
Chloroform	25.0	24.4		ug/L		98	73 - 127
Chloromethane	25.0	24.2		ug/L		97	68 - 124
cis-1,3-Dichloropropene	25.0	23.9		ug/L		96	74 - 124
Dibromochloromethane	25.0	26.0		ug/L		104	75 - 125
Ethylbenzene	25.0	25.8		ug/L		103	77 - 123
Methylene Chloride	25.0	25.1		ug/L		101	75 - 124
Styrene	25.0	24.8		ug/L		99	80 - 120
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	25.6		ug/L		102	80 - 122
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	80 - 120
Trichloroethene	25.0	25.9		ug/L		104	74 - 123
Vinyl acetate	50.0	49.7		ug/L		99	50 - 144
Vinyl chloride	25.0	26.5		ug/L		106	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		77 - 120
4-Bromofluorobenzene (Surr)	107		73 - 120
Toluene-d8 (Surr)	110		80 - 120

Lab Sample ID: 480-209290-15 MS

Matrix: Water

Analysis Batch: 671448

Client Sample ID: GW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	5.2	J	100	116		ug/L		111	73 - 126
1,1,2,2-Tetrachloroethane	ND		100	97.4		ug/L		97	76 - 120
1,1,2-Trichloroethane	ND		100	95.0		ug/L		95	76 - 122
1,1-Dichloroethene	ND		100	117		ug/L		117	66 - 127
1,2-Dichloroethane	ND		100	92.6		ug/L		93	75 - 120
1,2-Dichloropropane	ND		100	98.0		ug/L		98	76 - 120
2-Butanone (MEK)	ND		500	477		ug/L		95	57 - 140
2-Hexanone	ND		500	465		ug/L		93	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		500	514		ug/L		103	71 - 125
Acetone	ND	*+ F1	500	761	F1	ug/L		152	56 - 142

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-209290-15 MS

Matrix: Water

Analysis Batch: 671448

Client Sample ID: GW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		100	100		ug/L		100	71 - 124
Bromodichloromethane	ND		100	100		ug/L		100	80 - 122
Bromoform	ND		100	85.5		ug/L		86	61 - 132
Bromomethane	ND		100	112		ug/L		112	55 - 144
Carbon disulfide	ND		100	107		ug/L		107	59 - 134
Carbon tetrachloride	ND		100	110		ug/L		110	72 - 134
Chlorobenzene	ND		100	101		ug/L		101	80 - 120
Chloroethane	ND		100	114		ug/L		114	69 - 136
Chloroform	ND		100	102		ug/L		102	73 - 127
Chloromethane	ND		100	105		ug/L		105	68 - 124
cis-1,3-Dichloropropene	ND		100	90.5		ug/L		91	74 - 124
Dibromochloromethane	ND		100	97.6		ug/L		98	75 - 125
Ethylbenzene	ND		100	104		ug/L		104	77 - 123
Methylene Chloride	ND		100	106		ug/L		106	75 - 124
Styrene	ND		100	98.0		ug/L		98	80 - 120
Tetrachloroethene	ND		100	102		ug/L		102	74 - 122
Toluene	ND		100	103		ug/L		103	80 - 122
trans-1,3-Dichloropropene	ND		100	93.7		ug/L		94	80 - 120
Trichloroethene	120		100	199		ug/L		80	74 - 123
Vinyl acetate	ND		200	196		ug/L		98	50 - 144
Vinyl chloride	ND		100	112		ug/L		112	65 - 133

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	109		80 - 120

Lab Sample ID: 480-209290-15 MSD

Matrix: Water

Analysis Batch: 671448

Client Sample ID: GW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	5.2	J	100	115		ug/L		110	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		100	98.4		ug/L		98	76 - 120	1	15
1,1,2-Trichloroethane	ND		100	97.6		ug/L		98	76 - 122	3	15
1,1-Dichloroethene	ND		100	111		ug/L		111	66 - 127	5	16
1,2-Dichloroethane	ND		100	90.8		ug/L		91	75 - 120	2	20
1,2-Dichloropropane	ND		100	95.7		ug/L		96	76 - 120	2	20
2-Butanone (MEK)	ND		500	475		ug/L		95	57 - 140	0	20
2-Hexanone	ND		500	463		ug/L		93	65 - 127	0	15
4-Methyl-2-pentanone (MIBK)	ND		500	510		ug/L		102	71 - 125	1	35
Acetone	ND	*+ F1	500	759	F1	ug/L		152	56 - 142	0	15
Benzene	ND		100	95.4		ug/L		95	71 - 124	5	13
Bromodichloromethane	ND		100	97.4		ug/L		97	80 - 122	3	15
Bromoform	ND		100	89.1		ug/L		89	61 - 132	4	15
Bromomethane	ND		100	105		ug/L		105	55 - 144	6	15
Carbon disulfide	ND		100	102		ug/L		102	59 - 134	5	15
Carbon tetrachloride	ND		100	111		ug/L		111	72 - 134	1	15

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-209290-15 MSD

Matrix: Water

Analysis Batch: 671448

Client Sample ID: GW-22

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorobenzene	ND		100	94.9		ug/L		95	80 - 120	6	25
Chloroethane	ND		100	108		ug/L		108	69 - 136	5	15
Chloroform	ND		100	97.2		ug/L		97	73 - 127	5	20
Chloromethane	ND		100	100		ug/L		100	68 - 124	5	15
cis-1,3-Dichloropropene	ND		100	89.5		ug/L		90	74 - 124	1	15
Dibromochloromethane	ND		100	94.4		ug/L		94	75 - 125	3	15
Ethylbenzene	ND		100	103		ug/L		103	77 - 123	1	15
Methylene Chloride	ND		100	104		ug/L		104	75 - 124	1	15
Styrene	ND		100	92.0		ug/L		92	80 - 120	6	20
Tetrachloroethene	ND		100	103		ug/L		103	74 - 122	1	20
Toluene	ND		100	99.0		ug/L		99	80 - 122	4	15
trans-1,3-Dichloropropene	ND		100	94.4		ug/L		94	80 - 120	1	15
Trichloroethene	120		100	197		ug/L		79	74 - 123	1	16
Vinyl acetate	ND		200	198		ug/L		99	50 - 144	1	23
Vinyl chloride	ND		100	105		ug/L		105	65 - 133	7	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	107		80 - 120

Lab Sample ID: MB 480-671604/2-A

Matrix: Solid

Analysis Batch: 671697

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 671604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
1,2-Dichloroethene, Total	ND		10	2.6	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
2-Hexanone	ND		25	2.5	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Acetone	ND		25	4.2	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Benzene	ND		5.0	0.25	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Bromoform	ND		5.0	2.5	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Bromomethane	ND		5.0	0.45	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Chloroethane	ND		5.0	1.1	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Chloroform	ND		5.0	0.31	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Chloromethane	ND		5.0	0.30	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		06/01/23 13:02	06/02/23 13:01	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-671604/2-A

Matrix: Solid

Analysis Batch: 671697

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 671604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		5.0	0.64	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Styrene	ND		5.0	0.25	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Toluene	ND		5.0	0.38	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Trichloroethene	ND		5.0	1.1	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Vinyl acetate	ND		10	2.5	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		06/01/23 13:02	06/02/23 13:01	1
Xylenes, Total	ND		10	0.84	ug/Kg		06/01/23 13:02	06/02/23 13:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	06/01/23 13:02	06/02/23 13:01	1
4-Bromofluorobenzene (Surr)	99		72 - 126	06/01/23 13:02	06/02/23 13:01	1
Toluene-d8 (Surr)	98		71 - 125	06/01/23 13:02	06/02/23 13:01	1

Lab Sample ID: LCS 480-671604/1-A

Matrix: Solid

Analysis Batch: 671697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 671604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	51.3		ug/Kg		103	77 - 121
1,1,2,2-Tetrachloroethane	50.0	48.3		ug/Kg		97	80 - 120
1,1,2-Trichloroethane	50.0	49.5		ug/Kg		99	78 - 122
1,1-Dichloroethene	50.0	51.9		ug/Kg		104	59 - 125
1,2-Dichloroethane	50.0	49.2		ug/Kg		98	77 - 122
1,2-Dichloropropane	50.0	49.8		ug/Kg		100	75 - 124
2-Butanone (MEK)	250	243		ug/Kg		97	70 - 134
2-Hexanone	250	246		ug/Kg		99	59 - 130
4-Methyl-2-pentanone (MIBK)	250	245		ug/Kg		98	65 - 133
Acetone	250	225		ug/Kg		90	61 - 137
Benzene	50.0	50.6		ug/Kg		101	79 - 127
Bromodichloromethane	50.0	52.9		ug/Kg		106	80 - 122
Bromoform	50.0	53.6		ug/Kg		107	68 - 126
Bromomethane	50.0	52.0		ug/Kg		104	37 - 149
Carbon disulfide	50.0	51.1		ug/Kg		102	64 - 131
Carbon tetrachloride	50.0	51.0		ug/Kg		102	75 - 135
Chlorobenzene	50.0	51.0		ug/Kg		102	76 - 124
Chloroethane	50.0	50.3		ug/Kg		101	69 - 135
Chloroform	50.0	50.3		ug/Kg		101	80 - 120
Chloromethane	50.0	51.8		ug/Kg		104	63 - 127
cis-1,3-Dichloropropene	50.0	52.4		ug/Kg		105	80 - 120
Dibromochloromethane	50.0	52.9		ug/Kg		106	76 - 125
Ethylbenzene	50.0	50.9		ug/Kg		102	80 - 120
Methylene Chloride	50.0	49.6		ug/Kg		99	61 - 127
Styrene	50.0	51.3		ug/Kg		103	80 - 120
Tetrachloroethene	50.0	52.0		ug/Kg		104	74 - 122

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-671604/1-A

Matrix: Solid

Analysis Batch: 671697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 671604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	50.0	50.3		ug/Kg		101	74 - 128
trans-1,3-Dichloropropene	50.0	52.7		ug/Kg		105	73 - 123
Trichloroethene	50.0	51.9		ug/Kg		104	77 - 129
Vinyl acetate	100	101		ug/Kg		101	53 - 134
Vinyl chloride	50.0	52.3		ug/Kg		105	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		64 - 126
4-Bromofluorobenzene (Surr)	103		72 - 126
Toluene-d8 (Surr)	100		71 - 125

Lab Sample ID: MB 480-671744/8

Matrix: Water

Analysis Batch: 671744

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/02/23 23:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/02/23 23:09	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/02/23 23:09	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/02/23 23:09	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/02/23 23:09	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/02/23 23:09	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/02/23 23:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/02/23 23:09	1
2-Hexanone	ND		10	1.2	ug/L			06/02/23 23:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/02/23 23:09	1
Acetone	ND		10	3.0	ug/L			06/02/23 23:09	1
Benzene	ND		5.0	0.41	ug/L			06/02/23 23:09	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/02/23 23:09	1
Bromoform	ND		5.0	0.26	ug/L			06/02/23 23:09	1
Bromomethane	ND		10	0.69	ug/L			06/02/23 23:09	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/02/23 23:09	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/02/23 23:09	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/02/23 23:09	1
Chloroethane	ND		10	0.32	ug/L			06/02/23 23:09	1
Chloroform	ND		5.0	0.34	ug/L			06/02/23 23:09	1
Chloromethane	ND		10	0.35	ug/L			06/02/23 23:09	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/02/23 23:09	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/02/23 23:09	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/02/23 23:09	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/02/23 23:09	1
Styrene	ND		5.0	0.73	ug/L			06/02/23 23:09	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/02/23 23:09	1
Toluene	ND		5.0	0.51	ug/L			06/02/23 23:09	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/02/23 23:09	1
Trichloroethene	ND		5.0	0.46	ug/L			06/02/23 23:09	1
Vinyl acetate	ND		10	0.85	ug/L			06/02/23 23:09	1
Vinyl chloride	ND		10	0.90	ug/L			06/02/23 23:09	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-671744/8

Matrix: Water

Analysis Batch: 671744

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10	0.66	ug/L			06/02/23 23:09	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 120					06/02/23 23:09	1
4-Bromofluorobenzene (Surr)	103		73 - 120					06/02/23 23:09	1
Toluene-d8 (Surr)	80		80 - 120					06/02/23 23:09	1

Lab Sample ID: LCS 480-671744/6

Matrix: Water

Analysis Batch: 671744

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	28.8		ug/L		115	73 - 126
1,1,2,2-Tetrachloroethane	25.0	18.9		ug/L		76	76 - 120
1,1,2-Trichloroethane	25.0	21.0		ug/L		84	76 - 122
1,1-Dichloroethene	25.0	30.2		ug/L		121	66 - 127
1,2-Dichloroethane	25.0	27.6		ug/L		110	75 - 120
1,2-Dichloropropane	25.0	26.5		ug/L		106	76 - 120
2-Butanone (MEK)	125	147		ug/L		118	57 - 140
2-Hexanone	125	119		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	113		ug/L		90	71 - 125
Acetone	125	175		ug/L		140	56 - 142
Benzene	25.0	26.6		ug/L		107	71 - 124
Bromodichloromethane	25.0	28.1		ug/L		113	80 - 122
Bromoform	25.0	25.1		ug/L		100	61 - 132
Bromomethane	25.0	28.7		ug/L		115	55 - 144
Carbon disulfide	25.0	28.3		ug/L		113	59 - 134
Carbon tetrachloride	25.0	30.8		ug/L		123	72 - 134
Chlorobenzene	25.0	22.8		ug/L		91	80 - 120
Chloroethane	25.0	24.6		ug/L		98	69 - 136
Chloroform	25.0	27.1		ug/L		109	73 - 127
Chloromethane	25.0	31.9	*+	ug/L		128	68 - 124
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	74 - 124
Dibromochloromethane	25.0	24.4		ug/L		98	75 - 125
Ethylbenzene	25.0	22.6		ug/L		91	77 - 123
Methylene Chloride	25.0	28.6		ug/L		114	75 - 124
Styrene	25.0	23.8		ug/L		95	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122
Toluene	25.0	22.4		ug/L		89	80 - 122
trans-1,3-Dichloropropene	25.0	21.1		ug/L		84	80 - 120
Trichloroethene	25.0	29.0		ug/L		116	74 - 123
Vinyl acetate	50.0	60.1		ug/L		120	50 - 144
Vinyl chloride	25.0	30.4		ug/L		122	65 - 133
Surrogate	%Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	102		77 - 120				
4-Bromofluorobenzene (Surr)	105		73 - 120				
Toluene-d8 (Surr)	81		80 - 120				

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-671747/8

Matrix: Water

Analysis Batch: 671747

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/03/23 01:00	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/03/23 01:00	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/03/23 01:00	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/03/23 01:00	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/03/23 01:00	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/03/23 01:00	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/03/23 01:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/03/23 01:00	1
2-Hexanone	ND		10	1.2	ug/L			06/03/23 01:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/03/23 01:00	1
Acetone	ND		10	3.0	ug/L			06/03/23 01:00	1
Benzene	ND		5.0	0.41	ug/L			06/03/23 01:00	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/03/23 01:00	1
Bromoform	ND		5.0	0.26	ug/L			06/03/23 01:00	1
Bromomethane	ND		10	0.69	ug/L			06/03/23 01:00	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/03/23 01:00	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/03/23 01:00	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/03/23 01:00	1
Chloroethane	ND		10	0.32	ug/L			06/03/23 01:00	1
Chloroform	ND		5.0	0.34	ug/L			06/03/23 01:00	1
Chloromethane	ND		10	0.35	ug/L			06/03/23 01:00	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/03/23 01:00	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/03/23 01:00	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/03/23 01:00	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/03/23 01:00	1
Styrene	ND		5.0	0.73	ug/L			06/03/23 01:00	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/03/23 01:00	1
Toluene	ND		5.0	0.51	ug/L			06/03/23 01:00	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/03/23 01:00	1
Trichloroethene	ND		5.0	0.46	ug/L			06/03/23 01:00	1
Vinyl acetate	ND		10	0.85	ug/L			06/03/23 01:00	1
Vinyl chloride	ND		10	0.90	ug/L			06/03/23 01:00	1
Xylenes, Total	ND		10	0.66	ug/L			06/03/23 01:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/03/23 01:00	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/03/23 01:00	1
Toluene-d8 (Surr)	102		80 - 120		06/03/23 01:00	1

Lab Sample ID: LCS 480-671747/6

Matrix: Water

Analysis Batch: 671747

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.6		ug/L		99	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122
1,1-Dichloroethene	25.0	22.4		ug/L		90	66 - 127

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-671747/6

Matrix: Water

Analysis Batch: 671747

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	25.0	23.4		ug/L		94	75 - 120
1,2-Dichloropropane	25.0	22.0		ug/L		88	76 - 120
2-Butanone (MEK)	125	117		ug/L		94	57 - 140
2-Hexanone	125	132		ug/L		105	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	142		ug/L		113	56 - 142
Benzene	25.0	23.4		ug/L		94	71 - 124
Bromodichloromethane	25.0	21.6		ug/L		86	80 - 122
Bromoform	25.0	21.5		ug/L		86	61 - 132
Bromomethane	25.0	26.6		ug/L		106	55 - 144
Carbon disulfide	25.0	24.5		ug/L		98	59 - 134
Carbon tetrachloride	25.0	23.8		ug/L		95	72 - 134
Chlorobenzene	25.0	25.4		ug/L		102	80 - 120
Chloroethane	25.0	21.7		ug/L		87	69 - 136
Chloroform	25.0	23.2		ug/L		93	73 - 127
Chloromethane	25.0	24.6		ug/L		98	68 - 124
cis-1,3-Dichloropropene	25.0	21.2		ug/L		85	74 - 124
Dibromochloromethane	25.0	23.3		ug/L		93	75 - 125
Ethylbenzene	25.0	26.1		ug/L		105	77 - 123
Methylene Chloride	25.0	22.9		ug/L		92	75 - 124
Styrene	25.0	25.2		ug/L		101	80 - 120
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,3-Dichloropropene	25.0	22.3		ug/L		89	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Vinyl acetate	50.0	40.3		ug/L		81	50 - 144
Vinyl chloride	25.0	24.6		ug/L		98	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: MB 480-671910/8

Matrix: Water

Analysis Batch: 671910

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/05/23 17:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/05/23 17:19	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/05/23 17:19	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/05/23 17:19	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/05/23 17:19	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/05/23 17:19	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/05/23 17:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/05/23 17:19	1
2-Hexanone	ND		10	1.2	ug/L			06/05/23 17:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/05/23 17:19	1

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-671910/8

Matrix: Water

Analysis Batch: 671910

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			06/05/23 17:19	1
Benzene	ND		5.0	0.41	ug/L			06/05/23 17:19	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/05/23 17:19	1
Bromoform	ND		5.0	0.26	ug/L			06/05/23 17:19	1
Bromomethane	ND		10	0.69	ug/L			06/05/23 17:19	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/05/23 17:19	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/05/23 17:19	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/05/23 17:19	1
Chloroethane	ND		10	0.32	ug/L			06/05/23 17:19	1
Chloroform	ND		5.0	0.34	ug/L			06/05/23 17:19	1
Chloromethane	ND		10	0.35	ug/L			06/05/23 17:19	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/05/23 17:19	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/05/23 17:19	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/05/23 17:19	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/05/23 17:19	1
Styrene	ND		5.0	0.73	ug/L			06/05/23 17:19	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/05/23 17:19	1
Toluene	ND		5.0	0.51	ug/L			06/05/23 17:19	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/05/23 17:19	1
Trichloroethene	ND		5.0	0.46	ug/L			06/05/23 17:19	1
Vinyl acetate	ND		10	0.85	ug/L			06/05/23 17:19	1
Vinyl chloride	ND		10	0.90	ug/L			06/05/23 17:19	1
Xylenes, Total	ND		10	0.66	ug/L			06/05/23 17:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		06/05/23 17:19	1
4-Bromofluorobenzene (Surr)	102		73 - 120		06/05/23 17:19	1
Toluene-d8 (Surr)	107		80 - 120		06/05/23 17:19	1

Lab Sample ID: LCS 480-671910/6

Matrix: Water

Analysis Batch: 671910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.0		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.7		ug/L		103	76 - 120
1,1,2-Trichloroethane	25.0	25.7		ug/L		103	76 - 122
1,1-Dichloroethene	25.0	24.1		ug/L		96	66 - 127
1,2-Dichloroethane	25.0	24.5		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
2-Butanone (MEK)	125	121		ug/L		97	57 - 140
2-Hexanone	125	122		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	125		ug/L		100	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	25.0		ug/L		100	71 - 124
Bromodichloromethane	25.0	23.3		ug/L		93	80 - 122
Bromoform	25.0	23.9		ug/L		96	61 - 132
Bromomethane	25.0	27.5		ug/L		110	55 - 144

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QC Sample Results

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-671910/6

Matrix: Water

Analysis Batch: 671910

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	25.0	25.9		ug/L		104	59 - 134
Carbon tetrachloride	25.0	24.8		ug/L		99	72 - 134
Chlorobenzene	25.0	26.3		ug/L		105	80 - 120
Chloroethane	25.0	26.9		ug/L		107	69 - 136
Chloroform	25.0	24.7		ug/L		99	73 - 127
Chloromethane	25.0	30.6		ug/L		122	68 - 124
cis-1,3-Dichloropropene	25.0	21.7		ug/L		87	74 - 124
Dibromochloromethane	25.0	25.3		ug/L		101	75 - 125
Ethylbenzene	25.0	27.7		ug/L		111	77 - 123
Methylene Chloride	25.0	24.1		ug/L		96	75 - 124
Styrene	25.0	26.6		ug/L		107	80 - 120
Tetrachloroethene	25.0	26.2		ug/L		105	74 - 122
Toluene	25.0	25.7		ug/L		103	80 - 122
trans-1,3-Dichloropropene	25.0	21.9		ug/L		87	80 - 120
Trichloroethene	25.0	25.3		ug/L		101	74 - 123
Vinyl acetate	50.0	28.8		ug/L		58	50 - 144
Vinyl chloride	25.0	29.4		ug/L		118	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	109		73 - 120
Toluene-d8 (Surr)	105		80 - 120

QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

GC/MS VOA

Analysis Batch: 671448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209290-3	GW-6	Total/NA	Water	8260C	
480-209290-4	GW-7	Total/NA	Water	8260C	
480-209290-12	TRIP BLANK	Total/NA	Water	8260C	
480-209290-13	DUP	Total/NA	Water	8260C	
480-209290-15	GW-22	Total/NA	Water	8260C	
480-209290-16	GW-22D	Total/NA	Water	8260C	
MB 480-671448/8	Method Blank	Total/NA	Water	8260C	
LCS 480-671448/6	Lab Control Sample	Total/NA	Water	8260C	
480-209290-15 MS	GW-22	Total/NA	Water	8260C	
480-209290-15 MSD	GW-22	Total/NA	Water	8260C	

Prep Batch: 671604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209290-19	SD-1	Total/NA	Solid	5035A_L	
MB 480-671604/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-671604/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 671697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209290-19	SD-1	Total/NA	Solid	8260C	671604
MB 480-671604/2-A	Method Blank	Total/NA	Solid	8260C	671604
LCS 480-671604/1-A	Lab Control Sample	Total/NA	Solid	8260C	671604

Analysis Batch: 671744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209290-5	GW-9	Total/NA	Water	8260C	
480-209290-7	GW-16	Total/NA	Water	8260C	
480-209290-8	GW-16D	Total/NA	Water	8260C	
480-209290-9	GW-21	Total/NA	Water	8260C	
480-209290-10	GW-23D	Total/NA	Water	8260C	
480-209290-11	RW-3	Total/NA	Water	8260C	
MB 480-671744/8	Method Blank	Total/NA	Water	8260C	
LCS 480-671744/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 671747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209290-1	GW-3	Total/NA	Water	8260C	
480-209290-17	GW-20	Total/NA	Water	8260C	
MB 480-671747/8	Method Blank	Total/NA	Water	8260C	
LCS 480-671747/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 671910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209290-2	GW-5D	Total/NA	Water	8260C	
480-209290-6	GW-10	Total/NA	Water	8260C	
480-209290-14	GW-5	Total/NA	Water	8260C	
480-209290-18	SW-1	Total/NA	Water	8260C	
MB 480-671910/8	Method Blank	Total/NA	Water	8260C	
LCS 480-671910/6	Lab Control Sample	Total/NA	Water	8260C	

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QC Association Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

General Chemistry

Analysis Batch: 672279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-209290-19	SD-1	Total/NA	Solid	Moisture	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-3

Date Collected: 05/24/23 09:10

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671747	ATG	EET BUF	06/03/23 08:01

Client Sample ID: GW-5D

Date Collected: 05/25/23 12:45

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671910	ATG	EET BUF	06/05/23 21:23

Client Sample ID: GW-6

Date Collected: 05/23/23 11:15

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671448	CR	EET BUF	06/01/23 05:15

Client Sample ID: GW-7

Date Collected: 05/23/23 14:55

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671448	CR	EET BUF	06/01/23 05:38

Client Sample ID: GW-9

Date Collected: 05/25/23 13:40

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671744	LCH	EET BUF	06/03/23 05:33

Client Sample ID: GW-10

Date Collected: 05/24/23 15:30

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671910	ATG	EET BUF	06/05/23 21:46

Client Sample ID: GW-16

Date Collected: 05/24/23 11:50

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671744	LCH	EET BUF	06/03/23 06:22

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Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-16D

Date Collected: 05/24/23 12:30

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671744	LCH	EET BUF	06/03/23 06:46

Client Sample ID: GW-21

Date Collected: 05/24/23 09:55

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671744	LCH	EET BUF	06/03/23 07:10

Client Sample ID: GW-23D

Date Collected: 05/24/23 14:40

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		8	671744	LCH	EET BUF	06/03/23 07:35

Client Sample ID: RW-3

Date Collected: 05/24/23 13:20

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671744	LCH	EET BUF	06/03/23 07:59

Client Sample ID: TRIP BLANK

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671448	CR	EET BUF	06/01/23 06:00

Client Sample ID: DUP

Date Collected: 05/23/23 00:00

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671448	CR	EET BUF	06/01/23 06:22

Client Sample ID: GW-5

Date Collected: 05/25/23 10:10

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		10	671910	ATG	EET BUF	06/05/23 22:09

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Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Client Sample ID: GW-22

Date Collected: 05/23/23 14:00

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	671448	CR	EET BUF	06/01/23 06:44

Client Sample ID: GW-22D

Date Collected: 05/23/23 12:45

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	671448	CR	EET BUF	06/01/23 07:07

Client Sample ID: GW-20

Date Collected: 05/24/23 09:15

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671747	ATG	EET BUF	06/03/23 08:24

Client Sample ID: SW-1

Date Collected: 05/24/23 10:30

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	671910	ATG	EET BUF	06/05/23 22:32

Client Sample ID: SD-1

Date Collected: 05/24/23 08:15

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	672279	CDC	EET BUF	06/07/23 20:15

Client Sample ID: SD-1

Date Collected: 05/24/23 08:15

Date Received: 05/26/23 12:00

Lab Sample ID: 480-209290-19

Matrix: Solid

Percent Solids: 70.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			671604	LCH	EET BUF	06/01/23 13:02
Total/NA	Analysis	8260C		1	671697	CDC	EET BUF	06/02/23 20:19

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Eurofins Buffalo

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,2-Dichloroethene, Total
8260C	5035A_L	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
5030C	Purge and Trap	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-209290-1

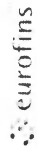
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-209290-1	GW-3	Water	05/24/23 09:10	05/26/23 12:00
480-209290-2	GW-5D	Water	05/25/23 12:45	05/26/23 12:00
480-209290-3	GW-6	Water	05/23/23 11:15	05/26/23 12:00
480-209290-4	GW-7	Water	05/23/23 14:55	05/26/23 12:00
480-209290-5	GW-9	Water	05/25/23 13:40	05/26/23 12:00
480-209290-6	GW-10	Water	05/24/23 15:30	05/26/23 12:00
480-209290-7	GW-16	Water	05/24/23 11:50	05/26/23 12:00
480-209290-8	GW-16D	Water	05/24/23 12:30	05/26/23 12:00
480-209290-9	GW-21	Water	05/24/23 09:55	05/26/23 12:00
480-209290-10	GW-23D	Water	05/24/23 14:40	05/26/23 12:00
480-209290-11	RW-3	Water	05/24/23 13:20	05/26/23 12:00
480-209290-12	TRIP BLANK	Water	05/23/23 00:00	05/26/23 12:00
480-209290-13	DUP	Water	05/23/23 00:00	05/26/23 12:00
480-209290-14	GW-5	Water	05/25/23 10:10	05/26/23 12:00
480-209290-15	GW-22	Water	05/23/23 14:00	05/26/23 12:00
480-209290-16	GW-22D	Water	05/23/23 12:45	05/26/23 12:00
480-209290-17	GW-20	Water	05/24/23 09:15	05/26/23 12:00
480-209290-18	SW-1	Water	05/24/23 10:30	05/26/23 12:00
480-209290-19	SD-1	Solid	05/24/23 08:15	05/26/23 12:00

Chain of Custody Record



Client Information		Sampler <u>Grace Hagberg</u>		Lab PM Fischer, Brian J		Carrier Tracking No(s)		COC No 480-184811-271611	
Client Contact Mr. Rich Gnat		Phone		E-Mail Brian Fischer@eurofins.com		State of Origin <u>NY</u>		Page Page 1 of 2	
Company KPRG and Associates Inc		PWSID		Analysis Requested		Job # <u>BT5003</u>		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Y - Trizma Z - other (specify) Other:	
Address 14665 West Lisbon Road, Suite 1A		Due Date Requested:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers	
City Brookfield		TAT Requested (days): <u>Per contract</u>		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
State/Zip WI, 53005		Compliance Project: ☐ Yes ☒ No		Sample Date		Sample Time		Matrix (W=water, S=solid, O=volatile, H=oil, BT=Tissue, A=Air)	
Phone 262-781-0475(Tel)		Purchase Order not required		Sample Date		Sample Time		Preservation Code:	
Email richardg@kprginc.com		WO #		Sample Date		Sample Time		Special Instructions/Note:	
Project Name Machias site		Project # 48004429		Sample Date		Sample Time		Special Instructions/Note:	
Site <u>MACHIAS, NY</u>		SSOW#		Sample Date		Sample Time		Special Instructions/Note:	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=volatile, H=oil, BT=Tissue, A=Air)	
GW-3		5/24/2023		0910		G		Water	
GW-5D		5/25/2023		1245		G		Water	
GW-6		5/23/2023		1115		G		Water	
GW-7		5/23/2023		1455		G		Water	
GW-9		5/25/2023		1340		G		Water	
GW-10		5/24/2023		1530		G		Water	
GW-16		5/24/2023		1150		G		Water	
GW-16D		5/24/2023		1230		G		Water	
GW-21		5/24/2023		0955		G		Water	
GW-23D		5/24/2023		1440		G		Water	
RW-3		5/24/2023		1320		G		Water	
Possible Hazard Identification		Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological ☐		Deliverable Requested I, II, III, IV, Other (specify)		Empty Kit Relinquished by		Relinquished by	
Relinquished by <u>Grace Hagberg</u>		Date/Time 5/25/2023 0915		Company ATL		Relinquished by		Date/Time 5/26/23 1200TA	
Relinquished by		Date/Time		Company		Relinquished by		Date/Time	
Relinquished by		Date/Time		Company		Relinquished by		Date/Time	
Custody Seals Intact ☐ Yes ☒ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks <u>21.9 # 1515</u>		Ver: 06/08/2021			

Chain of Custody Record



Client Information Client Contact: <u>Mr Rich Gnat</u> Company: <u>KPRG and Associates, Inc</u> Address: <u>14665 West Lisbon Road, Suite 1A</u> City: <u>Brookfield</u> State Zip: <u>WI 53005</u> Phone: <u>262-781-0475(Tel)</u> Email: <u>richardg@kprginc.com</u> Project Name: <u>Machias site</u> Site: <u>Machias, NY</u>			Lab PM: <u>Grace Hagberg</u> Sampler: <u>Grace Hagberg</u> Phone: <u></u> E-Mail: <u>Brian Fischer@eurofinsus.com</u> State of Origin: <u>NY</u> Carrier Tracking (No.): <u>480-184811-271612</u> Page 2 of 2																																																																																																																
Due Date Requested: <u></u> TAT Requested (days): <u></u> Compliance Project: ☐ Yes ☒ No PO #: <u></u> Purchase Order not required WO #: <u></u> Project #: <u>48004429</u> SSOW #: <u></u>			Analysis Requested Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - Di Water K - EDTA L - EDA Other: <u></u> M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4.5 Y - Trizma Z - other (specify)																																																																																																																
Sample Identification <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=Comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=oil)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Field MS/MSD (Yes or No)</th> <th>8260C - (MOD) TCL list OLM04.2</th> <th>8260C - (MOD) TCL list OLM04.2</th> <th>Special Instructions/Note:</th> </tr> </thead> <tbody> <tr> <td>TRIP BLANK</td> <td>5/23/2023</td> <td>-</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DUP</td> <td>5/23/2023</td> <td>-</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GW-5</td> <td>5/25/2023</td> <td>1610</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GW-22</td> <td>5/23/2023</td> <td>1400</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GW-22D</td> <td>5/23/2023</td> <td>1245</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>GW-20</td> <td>5/24/2023</td> <td>0915</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SW-1</td> <td>5/24/2023</td> <td>1030</td> <td>G</td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SD-1</td> <td>5/24/2023</td> <td>0815</td> <td>G</td> <td>Solid</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil)	Field Filtered Sample (Yes or No)	Field MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	8260C - (MOD) TCL list OLM04.2	Special Instructions/Note:	TRIP BLANK	5/23/2023	-	G	Water						DUP	5/23/2023	-	G	Water						GW-5	5/25/2023	1610	G	Water						GW-22	5/23/2023	1400	G	Water						GW-22D	5/23/2023	1245	G	Water						GW-20	5/24/2023	0915	G	Water						SW-1	5/24/2023	1030	G	Water						SD-1	5/24/2023	0815	G	Solid										Water										Water						Total Number of containers: <u></u> Special Instructions/Note:		
Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil)	Field Filtered Sample (Yes or No)	Field MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	8260C - (MOD) TCL list OLM04.2	Special Instructions/Note:																																																																																																										
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Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																																																																																																																
Empty Kit Relinquished by: <u>Grace Hagberg</u> Relinquished by: <u>Grace Hagberg</u> Relinquished by: <u></u> Relinquished by: <u></u>			Method of Shipment: <u>Hand Delivered</u> Date/Time: <u>5/23/2023 12:00 PM</u> Date/Time: <u></u> Date/Time: <u></u>																																																																																																																
Custody Seals Intact: <u>Yes</u> Custody Seal No: <u></u>			Cooler Temperature(s) °C and Other Remarks:																																																																																																																

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 480-209290-1

Login Number: 209290

List Number: 1

Creator: Sabuda, Brendan D

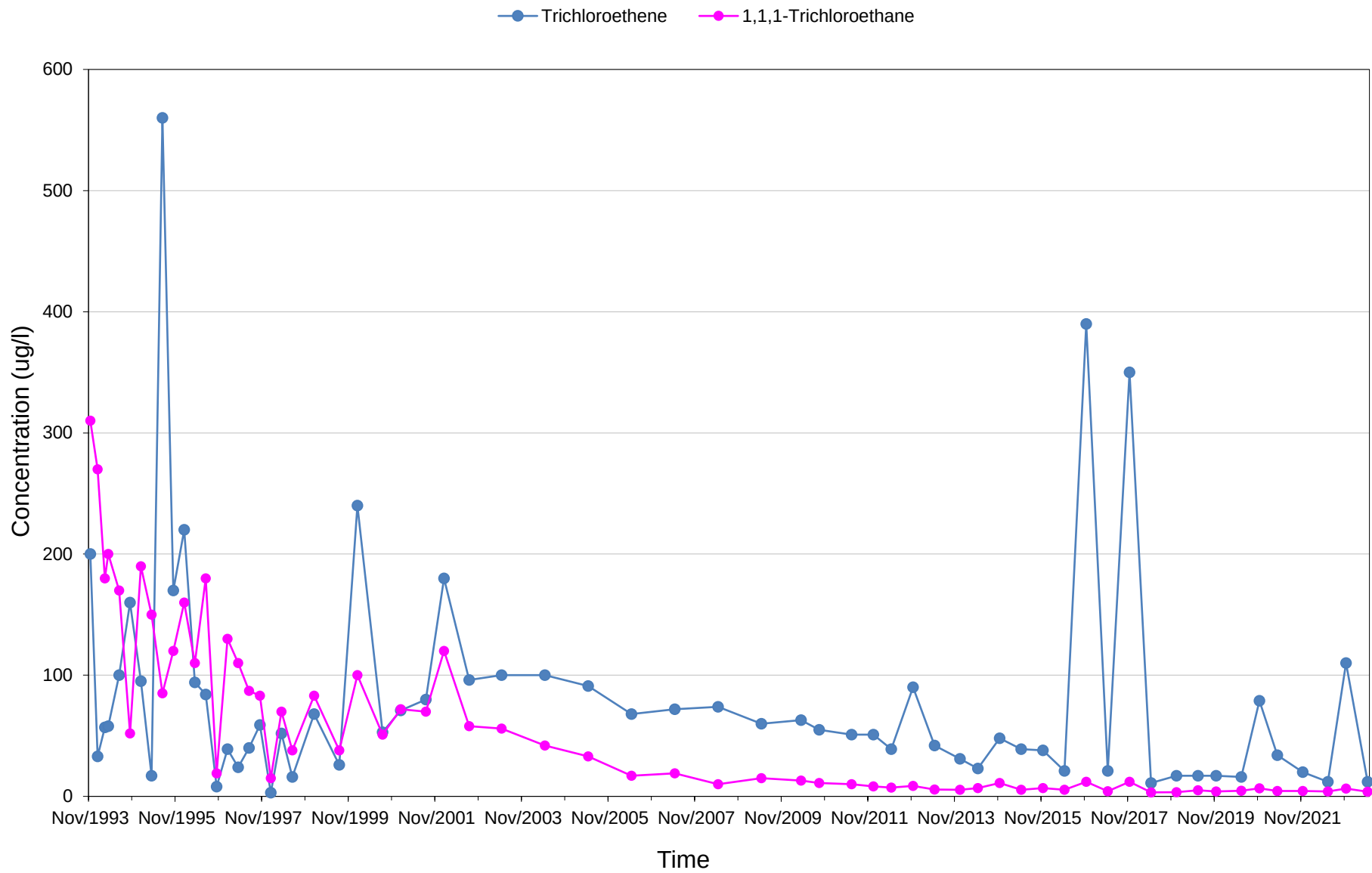
List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

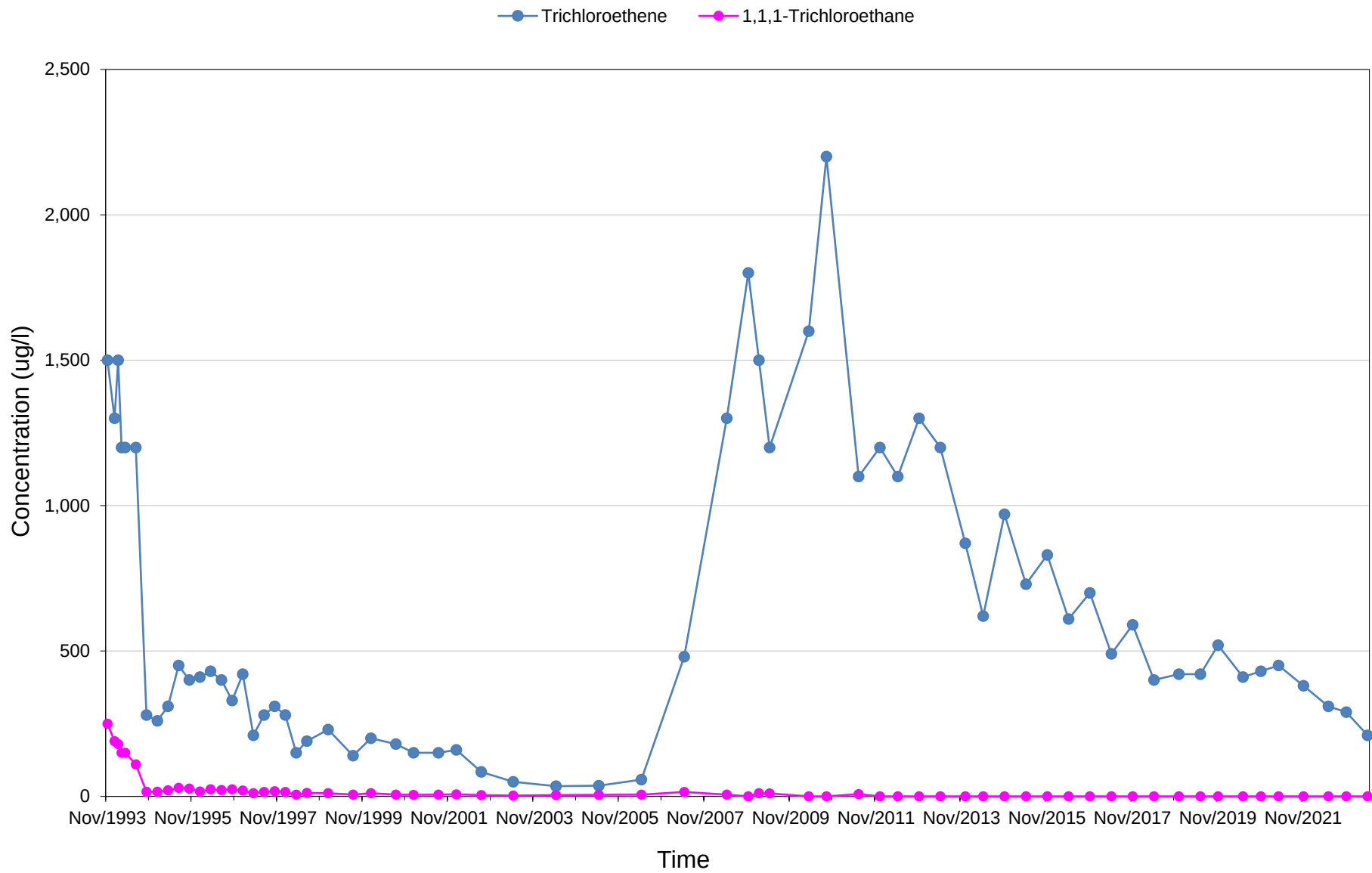
ATTACHMENT 4

VOC Time vs. Concentration Curves

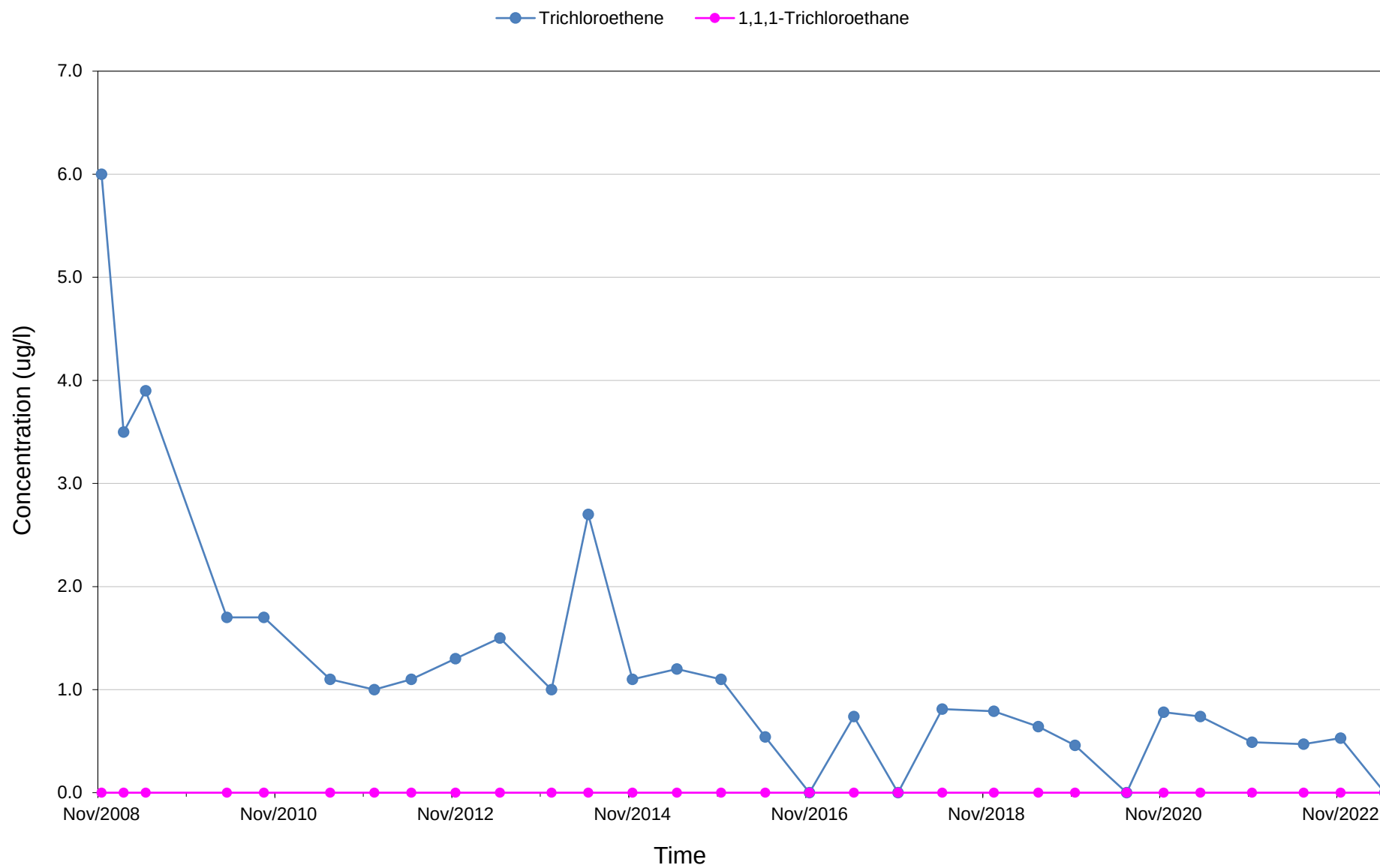
Concentration vs. Time - GW-3



Concentration vs. Time - GW-5

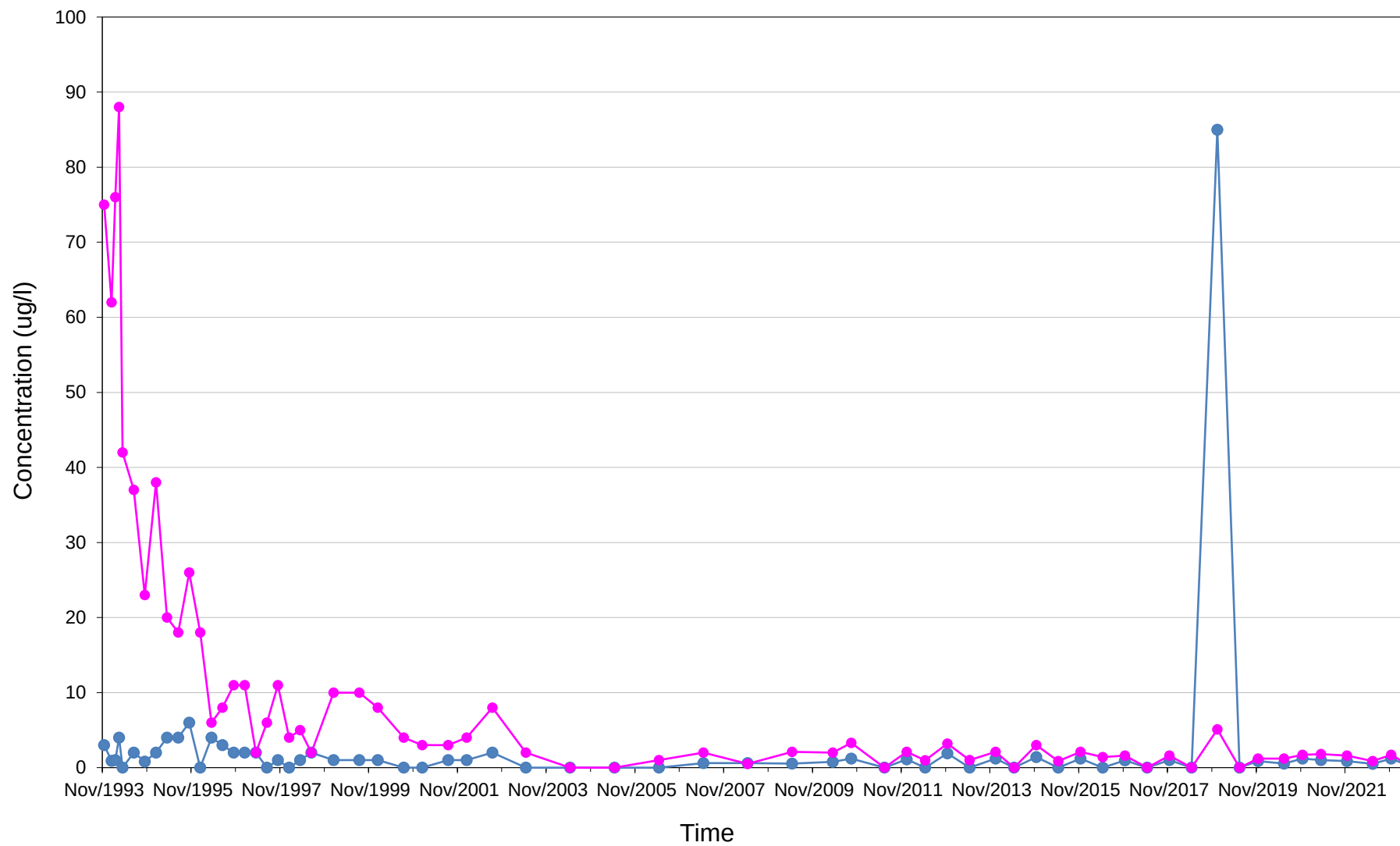


Concentration vs. Time - GW-5D

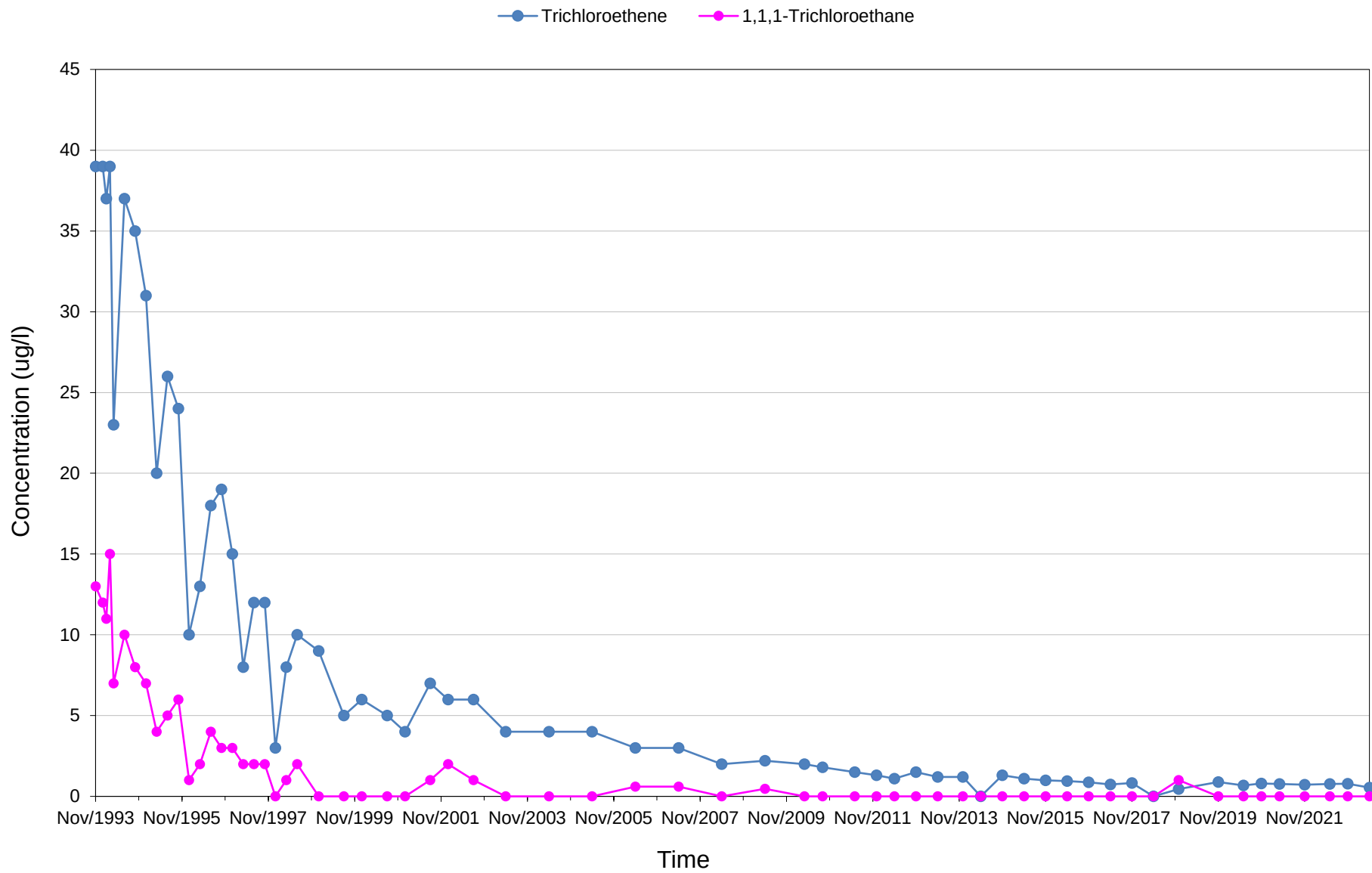


Concentration vs. Time - GW-6

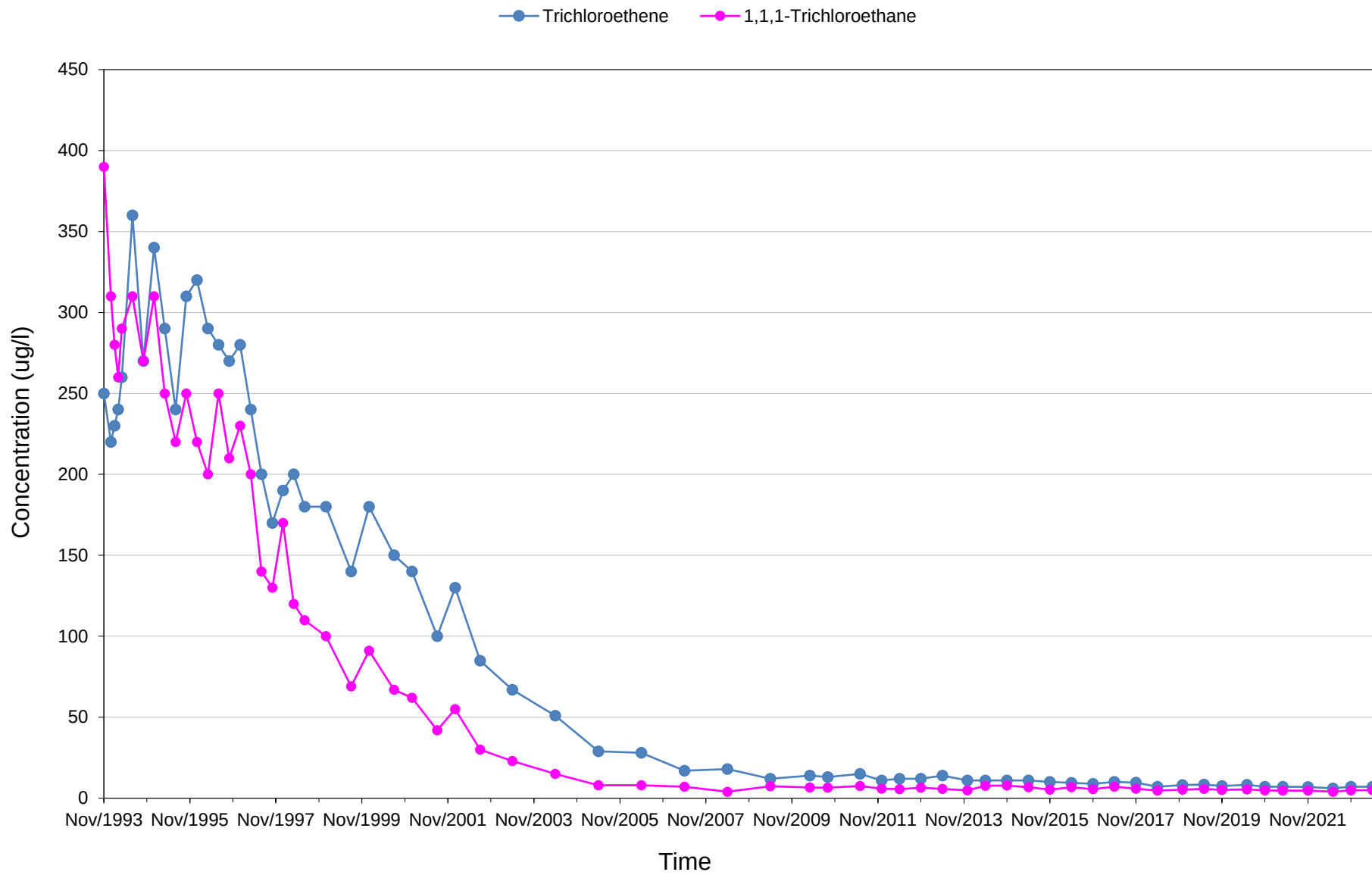
Trichloroethene 1,1,1-Trichloroethane



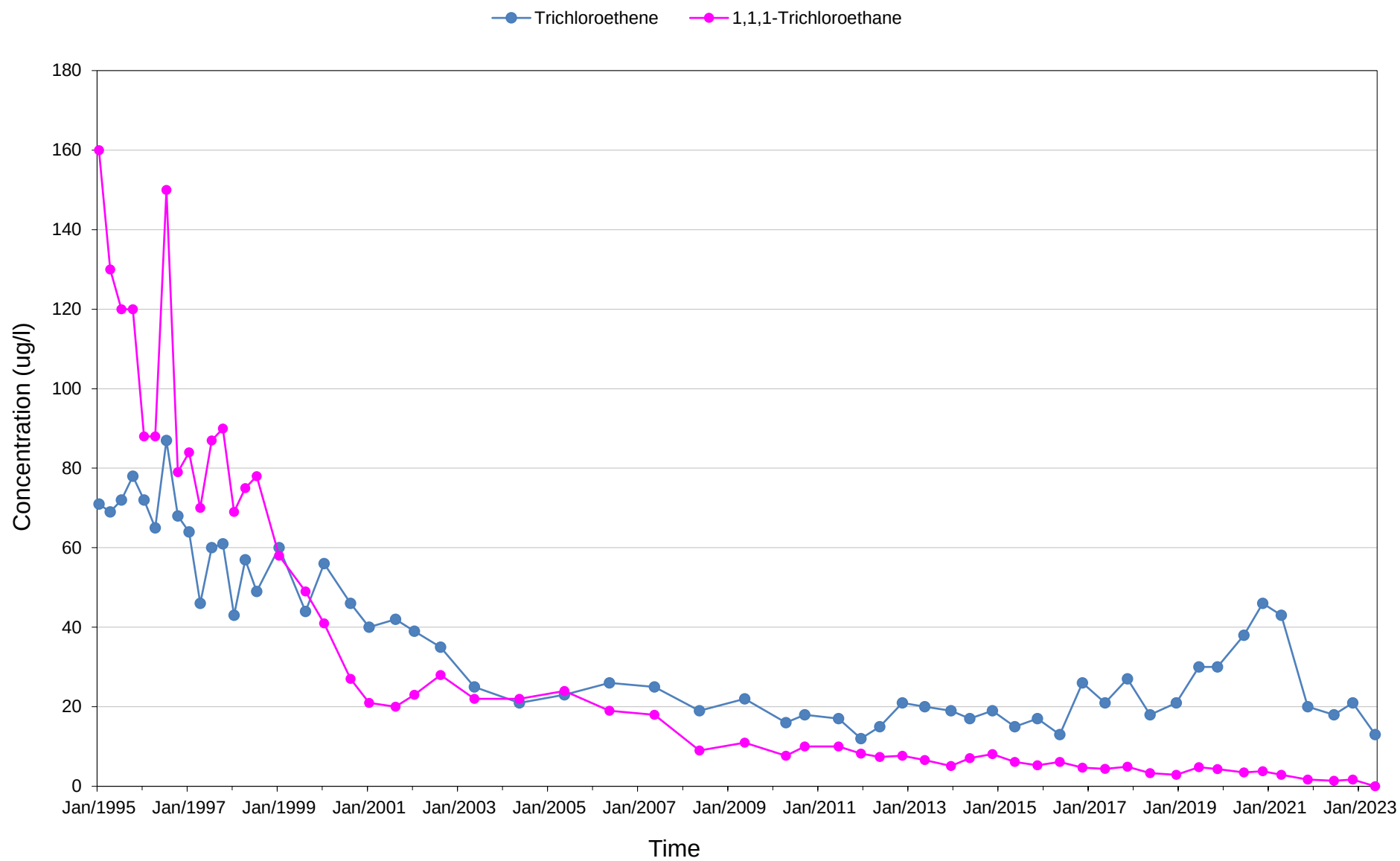
Concentration vs. Time - GW-7



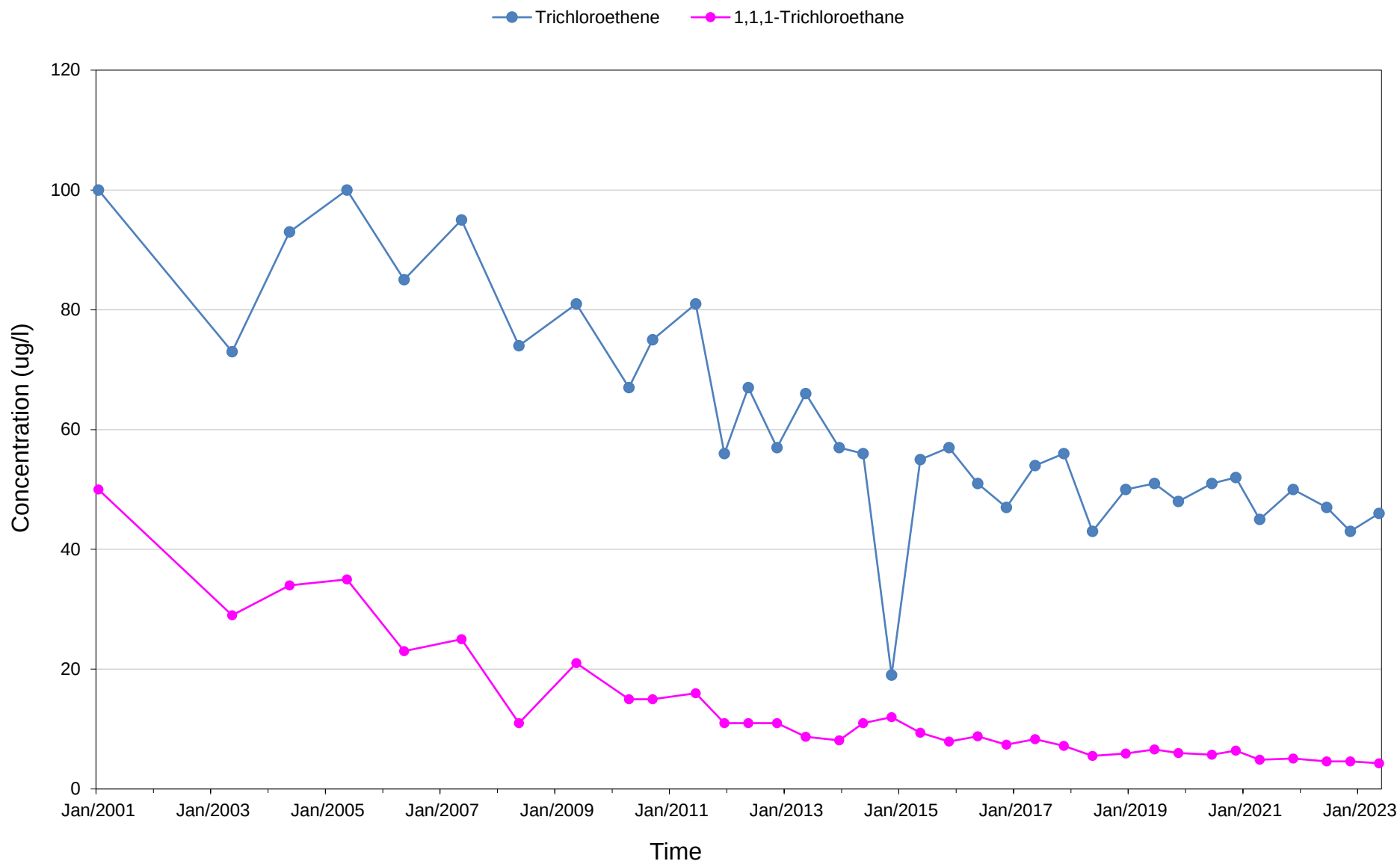
Concentration vs. Time - GW-9



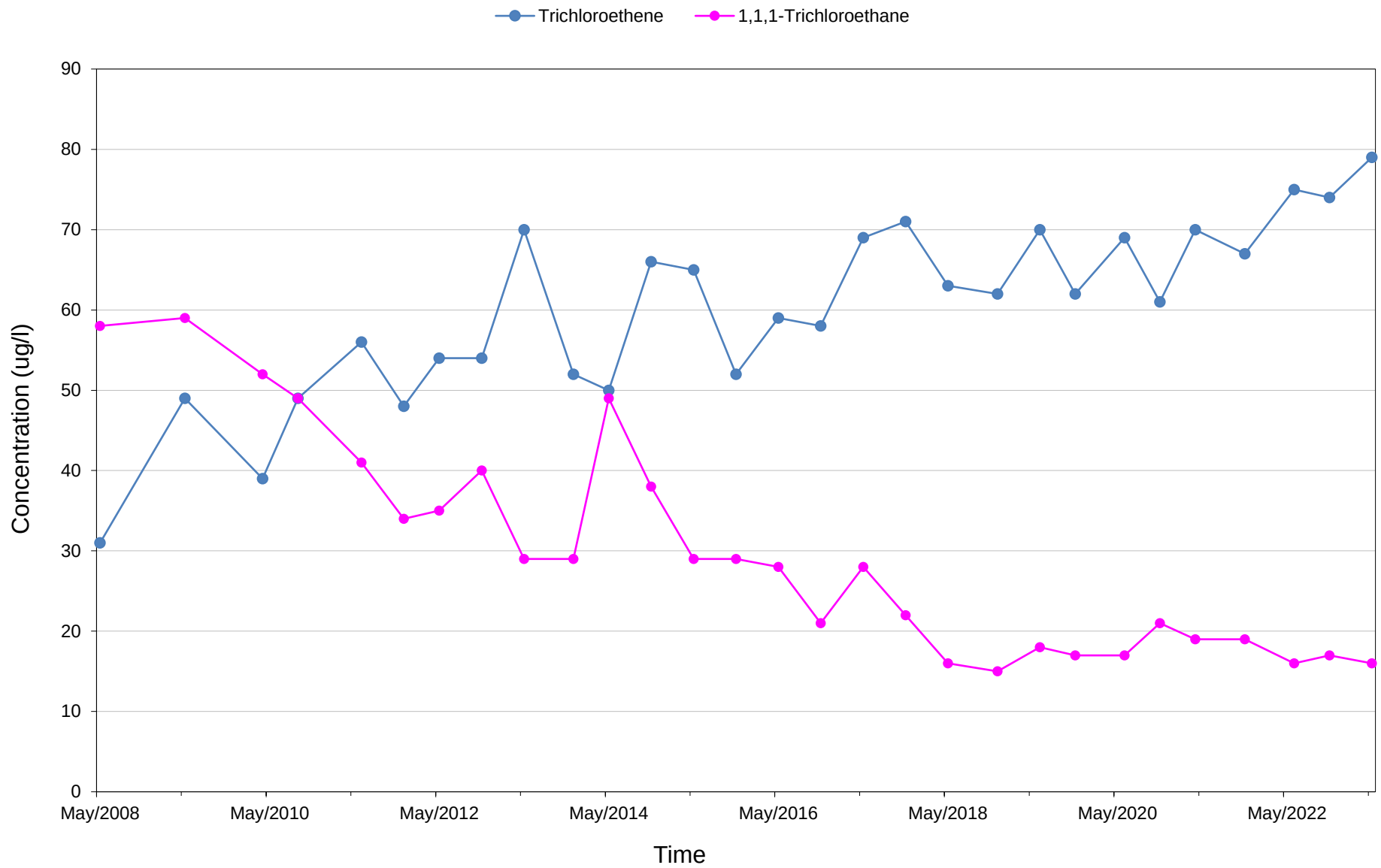
Concentration vs. Time - GW-10



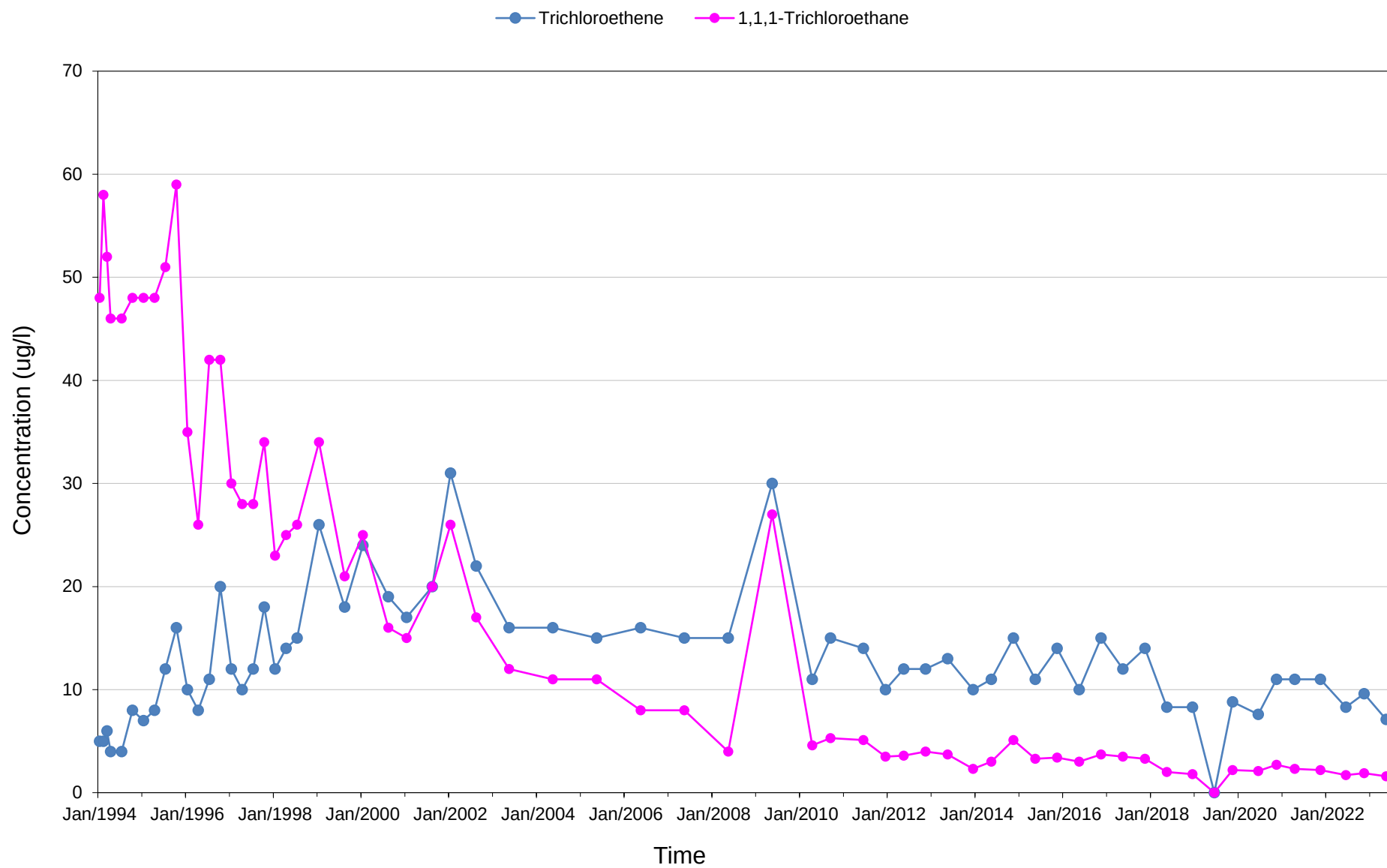
Concentration vs. Time - GW-16



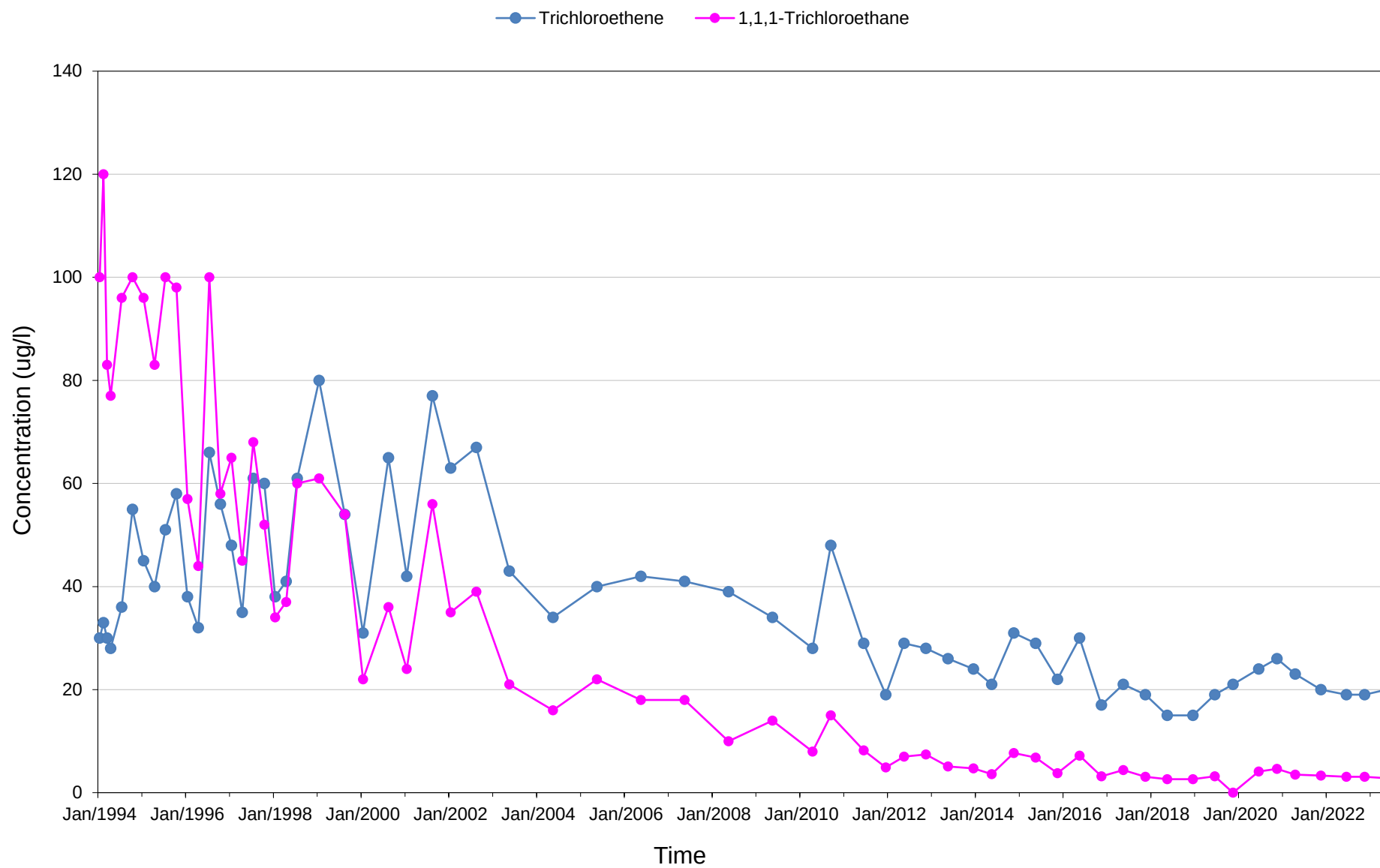
Concentration vs. Time - GW-16D



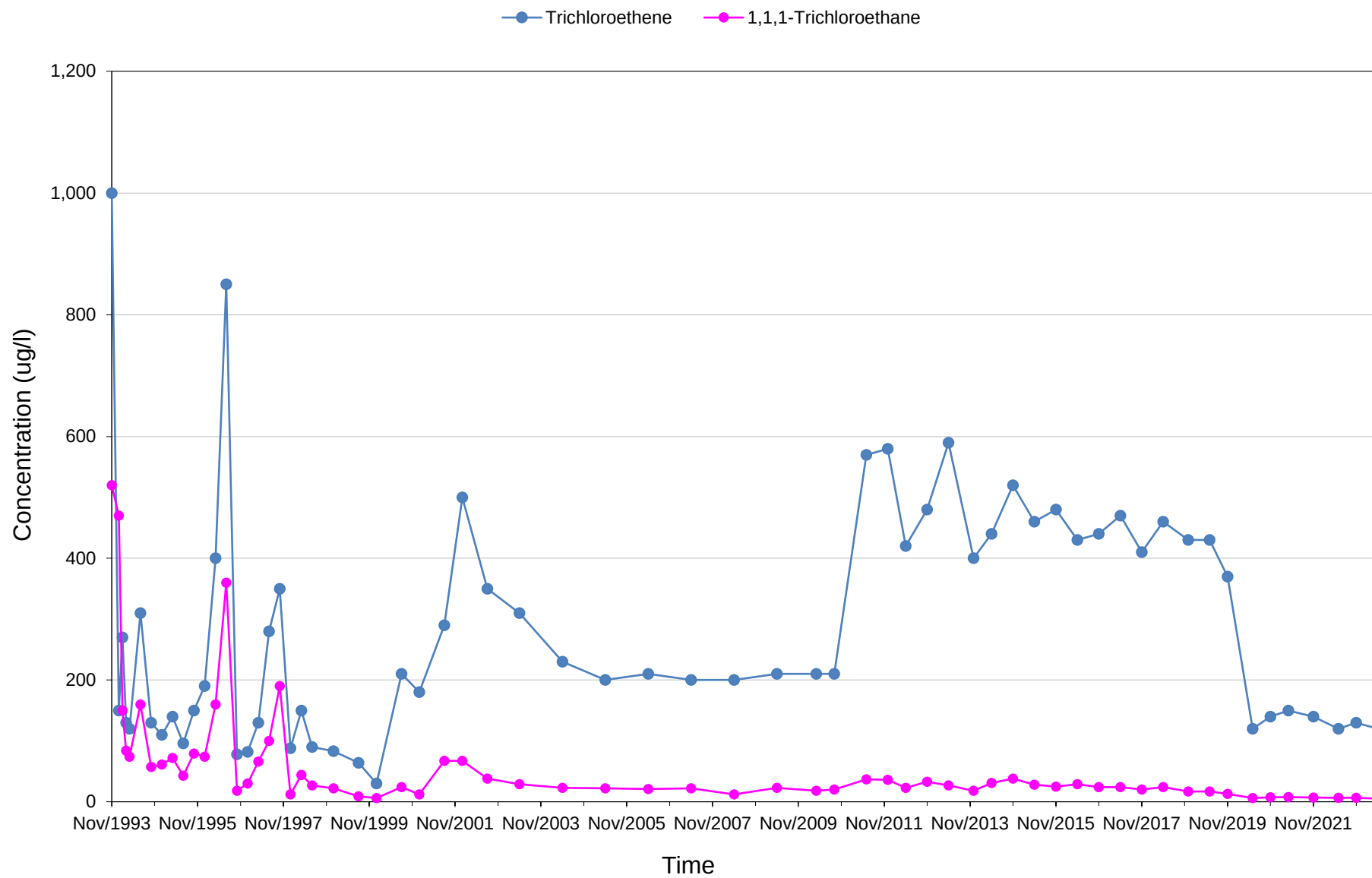
Concentration vs. Time - GW-20



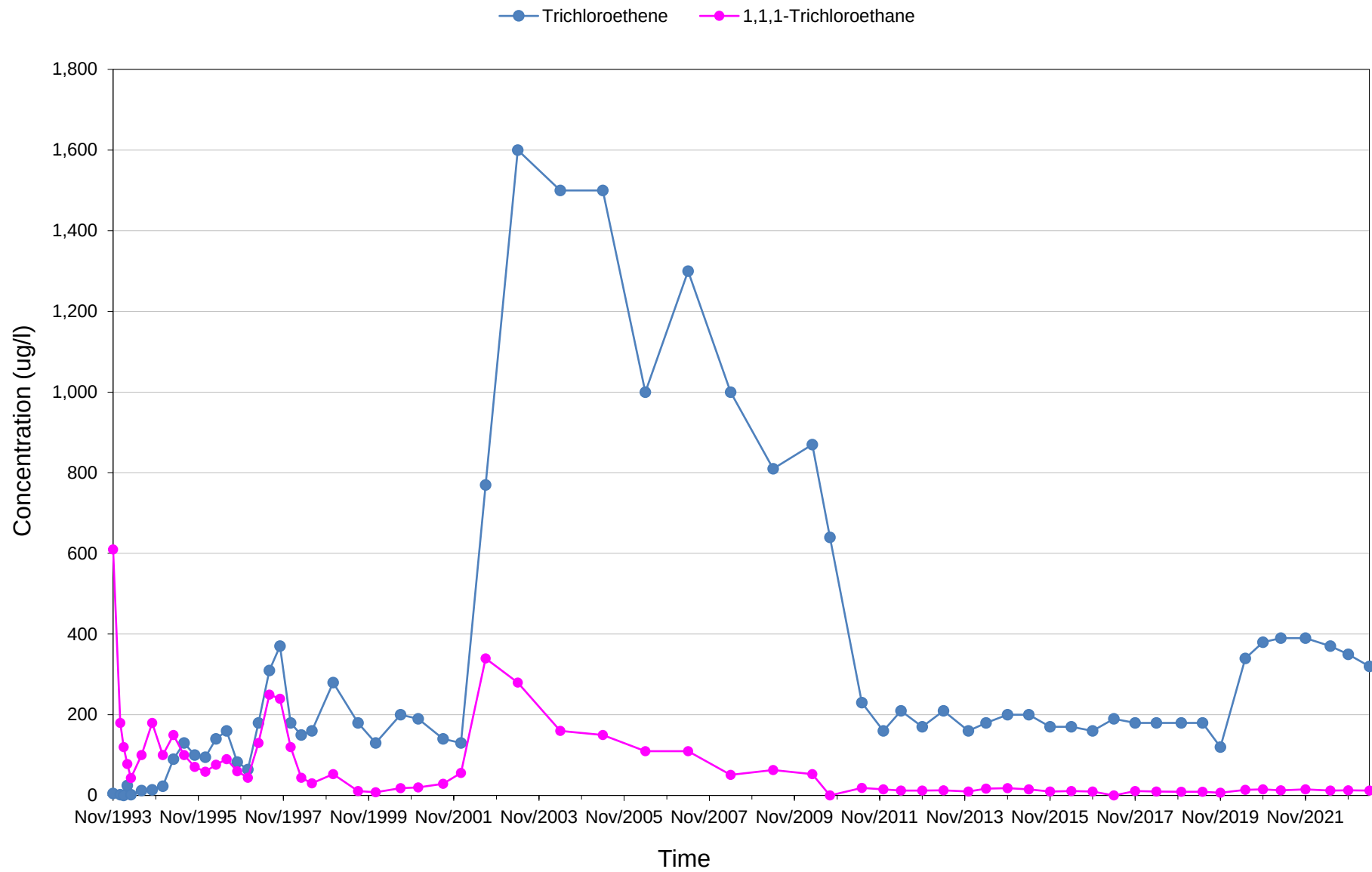
Concentration vs. Time - GW-21



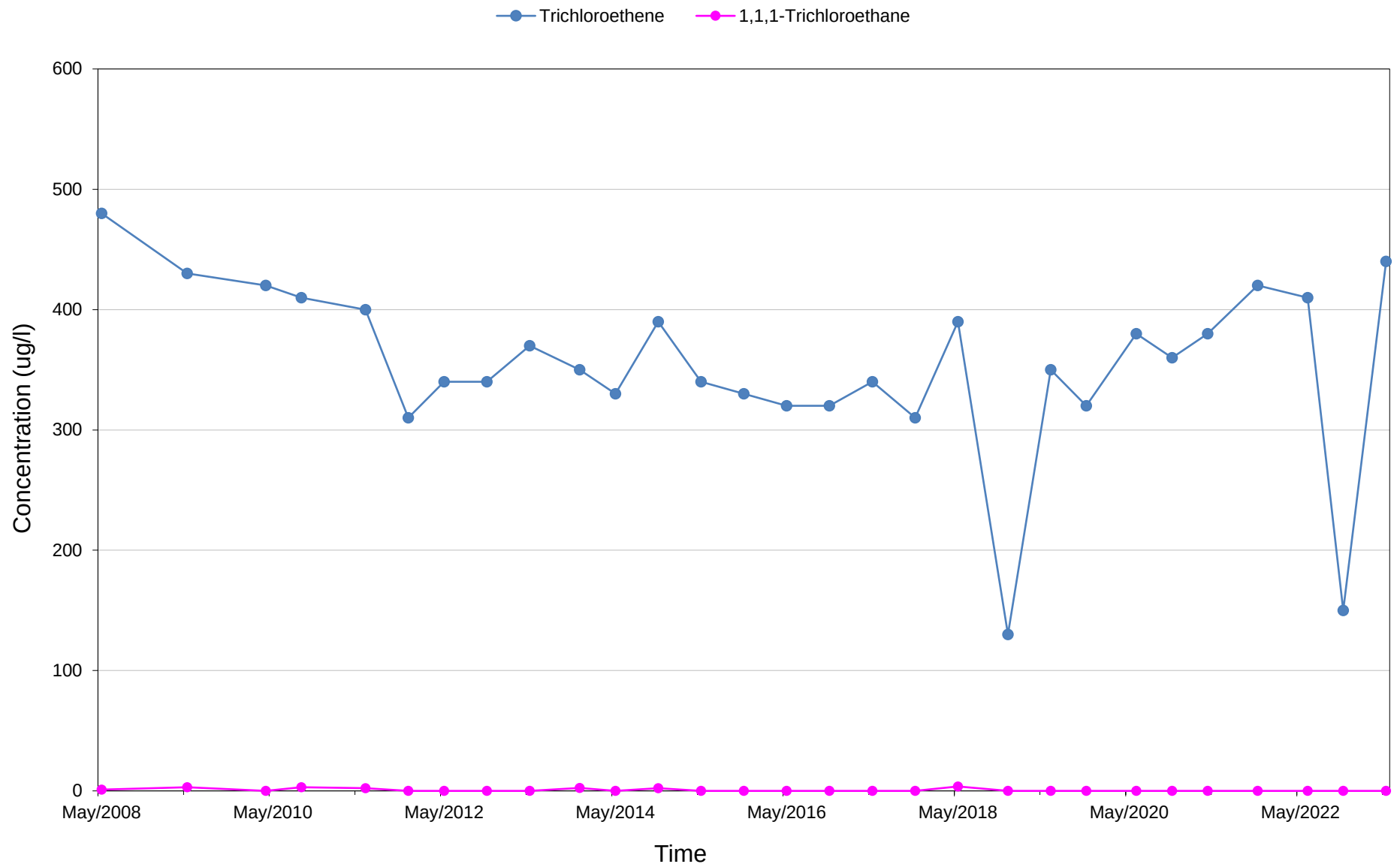
Concentration vs. Time - GW-22



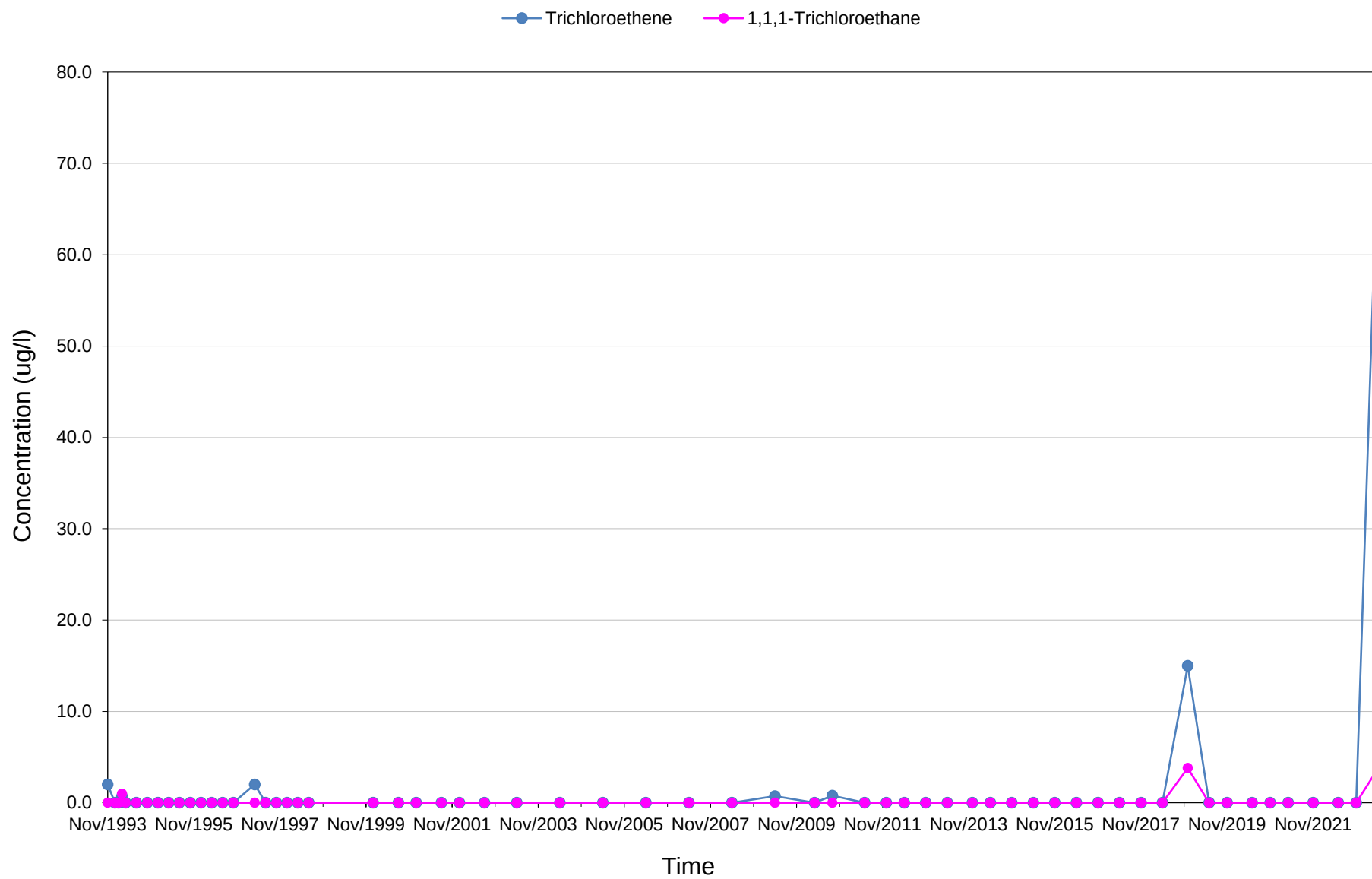
Concentration vs. Time - GW-22D



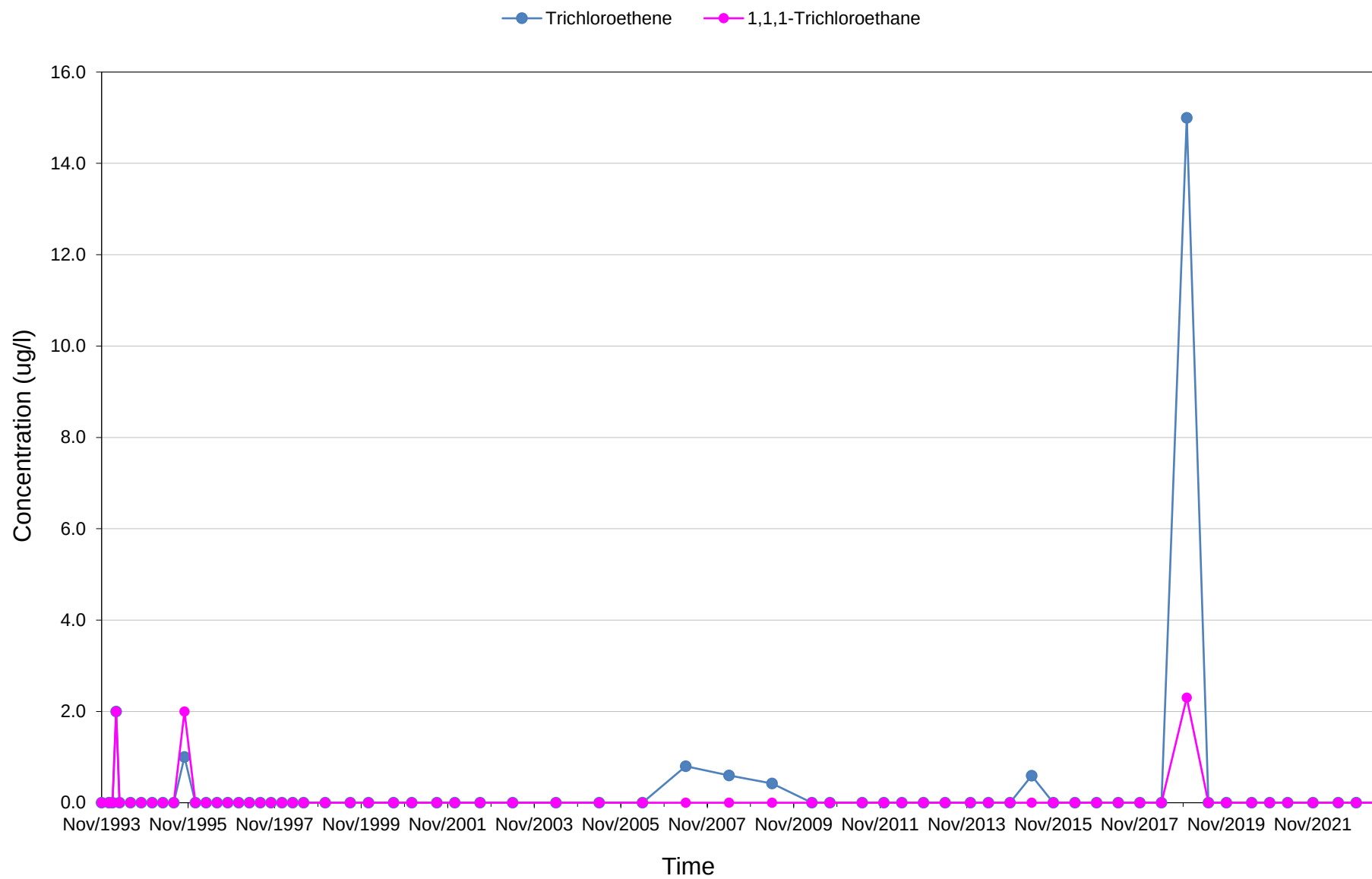
Concentration vs. Time - GW-23D



Concentration vs. Time - RW-3

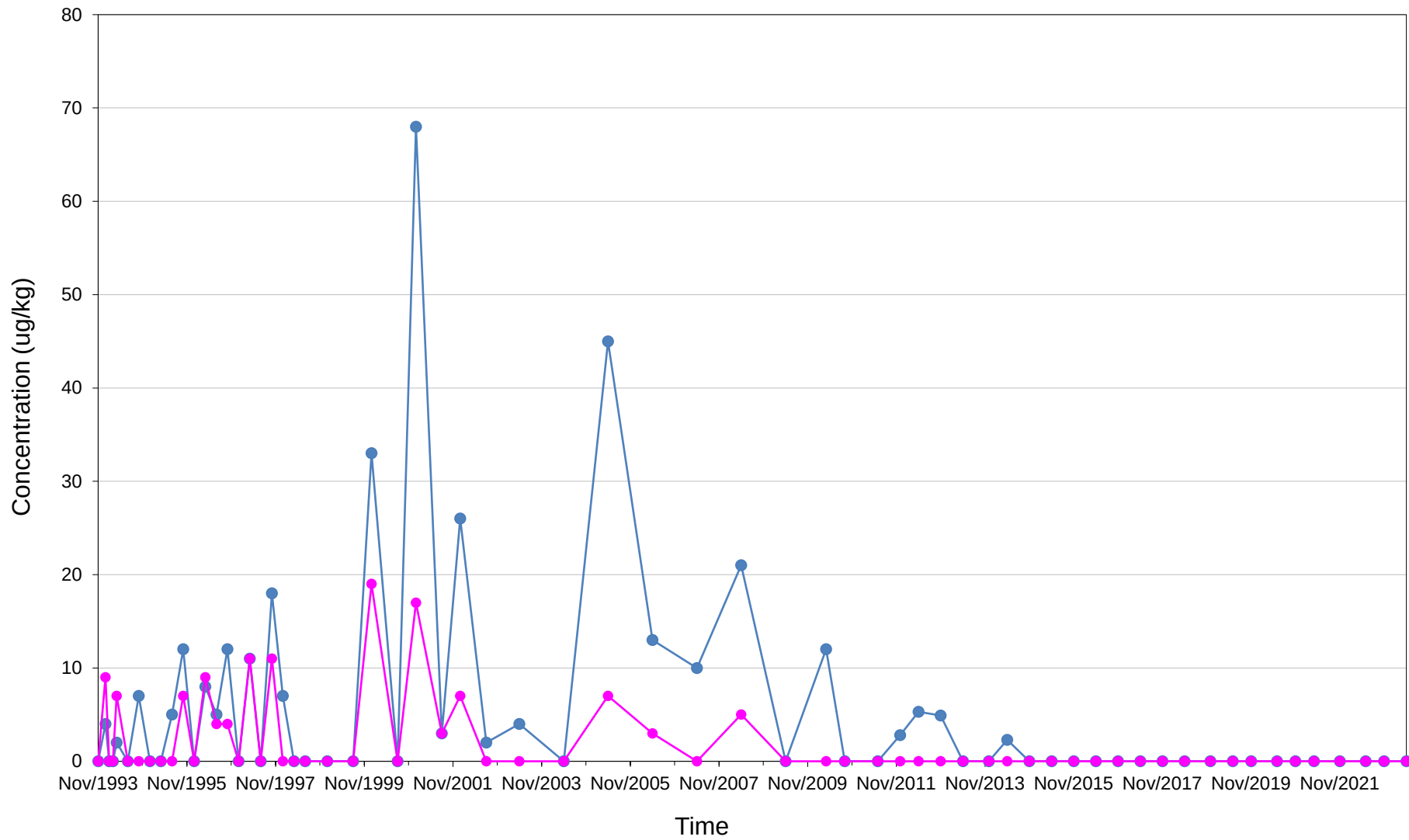


Concentration vs. Time - SW-1



Concentration vs. Time - SD-1

Trichloroethene 1,1,1-Trichloroethane



ATTACHMENT 5

Annual IC/EC Certification



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site No. **905013** **Site Details** **Box 1**

Site Name Machias Gravel Pit

Site Address: Very Road Zip Code: 14101
City/Town: Machias
County: Cattaraugus
Site Acreage: 5.400

Reporting Period: June 30, 2022 to June 30, 2023

	YES	NO
1. Is the information above correct?	☒	☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
---	--------------------------	-------------------------------------

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
--	--------------------------	-------------------------------------

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
---	--------------------------	-------------------------------------

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development?	☐	☒
--	--------------------------	-------------------------------------

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐

7. Are all ICs in place and functioning as designed?	☒	☐
--	-------------------------------------	--------------------------

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
30.001-1-14	Ischua Creek Holding Co. C/O Motorola	Building Use Restriction Monitoring Plan Site Management Plan Ground Water Use Restriction
30.001-1-15	Ischua Creek Holding Co. C/O Motorola	Ground Water Use Restriction Site Management Plan Building Use Restriction Monitoring Plan
30.001-1-16	Ischua Creek Holding Co. C/O Motorola	Building Use Restriction Monitoring Plan Site Management Plan Ground Water Use Restriction
30.001-1-20	Town of Machias	Building Use Restriction Ground Water Use Restriction Monitoring Plan Site Management Plan

Description of Engineering Controls

None Required

Not Applicable/No EC's

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

- (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 905013

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John Pekala at 3332 E. Broadway Rd., Phoenix, AZ
print name print business address 85040
am certifying as Owner and Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

JMP, Motorola Solutions, Inc.
Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

7/24/2023
Date

EC CERTIFICATIONS

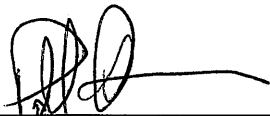
Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I PATRICK ALLENSTEIN at KPRG AND ASSOCIATES, INC.
print name print business address
14665 W. LISBON RD, STE 1A, BROOKFIELD, WI 53005

am certifying as a Qualified Environmental Professional for the MOTOROLA SOLUTIONS, INC.
(Owner or Remedial Party)


Signature of Qualified Environmental Professional, for
the Owner or Remedial Party, Rendering Certification

Stamp
(Required for PE)

7/26/2023
Date

ATTACHMENT 6

Phyto-Barrier Photos



1. An overview of the barrier looking northeast



2. View of barrier looking north.



3. Closer view of barrier rows.



4. Closer view of barrier rows.